HOURLY READINGS

FROM THE

SELF RECORDING INSTRUMENTS,

AT THE

SEVEN OBSERVATORIES,

IN CONNECTION WITH THE

METEOROLOGICAL OFFICE,

Issued by Authority of the

METEOROLOGICAL COUNCIL.

DECEMBER 1879.

Cancellfield Ltd. 2 Bedford St Covent Garden

VALENTIA OBSERVATORY LAT. 51° 55' N LONG 10° 18' W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	30·048	30·045	30·052	30·044	30·050	30·056	30·056	30·052	30·061	30·042	30·034	30·027	30·
2	29·846	29·830	29·826	29·811	29·793	29·774	29·760	29·753	29·748	29·736	29·732	29·720	29·
3	·635	·626	·619	·613	·612	·599	·584	·579	·589	·590	·587	·583	·
4	·609	·611	·615	·608	·611	·639	·646	·668	·674	·703	·712	·724	·
5	·762	·750	·741	·726	·720	·729	·732	·749	29·758	29·774	29·791	29·787	29·
6	29·873	29·881	29·896	29·902	29·911	29·930	29·950	29·981	30·007	30·034	30·057	30·060	30·
7	30·281	30·295	30·307	30·316	30·321	30·335	30·343	30·364	·374	·393	·400	·408	·
8	·479	·480	·479	·482	·480	·482	·488	·499	·511	·509	·522	·517	·
9	·475	·476	·468	·460	·459	·454	·457	·462	·469	·482	·478	·474	·
10	·440	·430	·429	·418	·420	·416	·410	·411	·413	·424	·428	·418	·
11	·398	·396	·393	·397	·388	·388	·387	·397	·404	·422	·429	·426	·
12	·477	·479	·477	·481	·488	·492	·502	·512	·528	·541	·563	·568	·
13	·618	·617	·620	·608	·590	·595	·591	·586	·602	·590	·611	·605	·
14	·469	·461	·446	·425	·413	·412	·411	·405	·413	·419	·419	·409	·
15	·386	·368	·386	·371	·366	·365	·365	·376	·382	·402	·420	·411	·
16	·337	·314	·307	·283	·277	·273	·265	·270	·267	·278	·274	·264	·
17	817	·335	·347	359	·360	·373	·395	·420	·441	·458	·459	·466	·
18	·550	·550	·561	·547	·544	·543	·545	·551	·558	·562	·563	·541	·
19	·522	·518	·526	·530	·534	·546	·550	·559	·559	·563	·565	·564	·
20	·409	·373	·349	·321	30·285	30·273	30·277	30·271	30·254	30·245	30·237	30·209	30·
21	·064	·033	·018	·011	29·995	29·985	29·969	29·969	29·968	29·962	29·956	29·936	29·
22	·280	·315	·332	·351	30·359	30·393	30·424	30·429	30·463	30·484	30·482	30·479	30·
23	·561	·563	·552	·542	·538	·543	·542	·543	·546	·535	·523	·506	·
24	·218	·197	·187	·210	·224	·240	·257	·282	·307	·332	·360	·373	·
25	·440	439	·430	·417	·407	·396	·398	·397	·396	·391	·386	·363	·
26	30·162	30·147	30·131	30·119	30·097	30·086	30·090	30·087	30·087	30·098	30·089	30·072	30·
27	29·999	29·950	29·946	29·935	29·921	29·915	29·898	29·883	29·863	29·848	29·810	29·787	29·
28	·801	·883	·854	·863	·874	·893	·887	·860	·827	·783	·759	·715	·
29	·896	·880	·871	·858	·855	·835	·823	·815	·837	·859	·863	·861	·
30	·796	·659	·591	·595	·567	·538	·551	·565	·604	·619	·662	·685	·
31	29·719	29·690	29·665	29·634	29·599	29·590	29·594	29·609	29·612	29·622	29·626	29·629	29·

DRY BULB THERMOMETER ..... 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	36.8	36.2	35.8	34.9	33.5	33.0	31.4	31.7	33.2	34.2	35.5	36.7	39.4	39.9	39.6	38.8	36.9	36.1	34.5	33.7	33.3	35.2	35.5	35.2
2	35.1	35.2	34.6	34.2	35.0	35.2	35.4	36.4	36.4	38.2	39.2	40.1	40.1	40.3	39.7	38.7	39.6	38.9	39.0	37.8	37.2	36.5	37.2	38.1
3	38.3	39.2	39.2	39.2	37.8	38.2	38.1	37.8	38.0	40.0	40.3	41.5	42.1	42.0	41.6	40.3	39.4	38.1	36.6	34.4	34.3	33.6	33.4	33.3
4	33.7	33.2	32.8	33.2	33.1	32.2	32.6	32.9	32.2	32.2	33.6	34.3	35.3	36.1	35.4	33.7	32.0	30.7	30.2	30.0	30.6	30.9	32.1	33.2
5	34.1	34.2	35.7	39.5	40.2	39.7	38.6	39.7	40.2	43.2	43.9	44.5	46.1	47.1	45.2	45.2	43.5	44.5	44.1	44.7	45.9	44.6	45.1	45.7
6	44.1	45.1	43.9	43.3	42.3	43.2	44.2	41.2	40.2	41.6	43.2	44.4	46.3	47.2	47.2	45.2	42.1	39.2	37.0	36.9	36.3	37.4	36.5	36.9
7	36.2	35.2	38.9	38.7	34.2	34.7	32.8	34.0	33.3	35.2	38.0	40.1	43.3	44.2	44.0	43.1	38.1	36.2	34.3	35.0	35.9	35.8	36.0	33.8
8	35.4	35.0	35.2	35.7	35.1	35.2	35.8	34.7	35.3	35.1	39.8	42.6	43.7	44.7	44.6	43.2	39.8	39.8	39.8	38.1	40.2	40.6	43.1	41.7
9	44.3	45.2	45.3	44.6	45.1	46.1	46.1	46.6	46.1	46.2	46.2	47.3	48.0	48.3	48.4	47.4	43.3	41.1	40.5	39.4	40.2	39.2	37.8	38.1
M	39.3	38.2	40.2	39.2	40.3	40.6	42.2	39.5	40.0	41.3	44.1	45.1	45.7	45.2	44.9	44.7	43.8	43.2	43.2	43.1	43.2	43.2	43.2	43.2
11	43.8	44.2	44.8	44.7	44.7	45.0	45.2	45.3	45.3	46.0	46.2	47.0	46.2	47.1	47.2	47.0	46.2	46.2	46.2	45.8	45.9	44.9	44.2	44.8
12	44.4	44.9	45.2	45.7	46.2	46.2	46.2	46.8	46.9	47.0	47.1	47.0	47.6	47.7	47.8	47.3	46.6	46.6	46.2	46.2	46.4	45.9	46.2	45.8
13	45.7	45.7	45.6	45.2	45.2	45.4	45.5	45.7	46.0	47.0	48.0	49.0	49.8	49.5	49.5	49.2	49.2	49.2	49.8	50.2	50.3	50.7	50.9	51.0
14	50.3	50.2	49.6	49.5	50.2	50.2	50.3	50.1	50.1	50.2	50.3	50.3	50.6	50.6	50.6	50.5	50.6	50.5	50.7	50.2	50.3	50.2	50.1	50.0
15	49.9	49.7	49.8	49.7	49.7	49.4	49.2	49.2	48.7	48.7	48.3	48.6	48.5	48.6	48.7	48.3	47.6	47.4	47.1	46.6	46.9	46.4	46.7	47.0
16	47.3	47.0	47.3	47.2	47.3	47.7	47.7	47.9	48.1	48.3	48.9	49.2	49.7	49.8	49.8	49.4	49.7	49.9	50.0	50.0	49.7	49.4	49.9	49.7
17	49.7	48.9	49.1	49.2	49.1	48.7	48.6	48.2	47.8	48.1	47.9	47.8	48.6	49.1	48.7	48.3	48.1	47.7	47.8	48.2	48.2	48.1	47.8	47.9
18	47.6	47.9	47.4	47.4	47.2	47.2	46.1	45.4	45.2	45.2	46.2	47.3	48.2	48.4	48.9	47.1	44.3	43.9	42.7	40.8	42.2	42.2	41.2	40.7
19	41.3	39.9	38.2	39.1	37.2	37.2	37.3	35.2	36.7	38.1	39.8	42.1	43.7	44.2	44.2	41.8	38.7	37.1	35.5	35.6	34.6	35.2	33.3	33.5
20	34.2	36.3	36.0	36.0	38.7	41.1	40.2	42.6	43.2	43.2	43.6	44.1	44.1	43.7	44.8	45.2	44.9	45.5	46.0	47.2	47.2	46.8	47.2	46.8
21	47.2	47.3	47.1	47.0	47.2	46.8	47.3	47.6	48.2	48.9	49.9	49.9	48.8	49.5	49.3	46.5	47.2	48.2	47.2	46.2	46.3	45.2	44.2	44.5
22	43.2	43.3	40.3	43.3	42.5	41.7	44.2	45.8	46.3	47.7	48.6	49.2	49.2	48.4	48.3	48.4	48.8	48.9	49.7	50.2	50.6	50.2	50.0	50.9
23	50.3	50.8	50.8	50.2	50.2	49.3	49.2	49.8	50.1	50.1	50.2	50.3	50.8	50.6	50.3	49.9	49.7	49.7	49.7	49.9	50.0	49.9	50.2	48.5
24	49.1	49.9	49.8	46.0	45.7	46.0	45.2	45.6	44.3	45.7	46.8	45.5	47.2	47.7	47.4	45.7	42.7	40.2	41.6	40.2	39.8	39.2	38.3	38.8
25	38.5	40.6	40.2	39.8	39.7	39.2	38.7	39.2	40.9	43.4	44.2	46.3	48.1	48.7	48.6	47.7	47.7	47.1	46.7	46.5	46.3	46.5	46.4	46.8
26	47.2	47.1	46.9	46.7	47.3	47.4	47.5	47.7	47.9	48.2	48.8	49.0	49.1	49.0	49.3	49.2	49.6	48.2	49.2	49.7	50.4	50.6	50.4	50.5
27	51.4	50.7	50.3	50.3	50.6	50.7	50.6	50.7	50.4	51.0	51.3	51.2	51.0	51.4	51.8	52.2	52.3	52.7	52.9	53.0	53.2	53.4	54.2	53.2
28	53.2	51.2	51.9	51.0	49.2	46.8	48.8	50.2	50.8	52.2	53.0	53.2	53.7	54.2	55.2	53.7	52.7	53.2	52.1	50.2	49.7	48.1	48.6	47.3
29	48.3	48.2	48.9	48.7	46.2	47.4	46.2	46.7	44.1	40.4	42.7	44.2	42.7	44.2	39.5	42.6	44.5	43.7	42.7	45.0	44.6	44.7	46.1	46.8
30	45.2	46.9	44.2	45.3	45.4	43.0	40.2	42.1	38.2	39.7	41.3	39.1	39.8	41.7	40.5	43.2	44.4	42.7	43.3	45.0	46.7	47.1	47.8	48.7
31	49.2	49.7	50.2	50.7	51.1	51.2	51.7	52.2	52.2	52.3	52.2	52.3	52.4	52.2	53.0	52.7	53.3	53.7	54.0	54.1	53.2	53.2	53.3	53.2

* Record defective or Instrument out of action. † Reading of Standard Approximate.

HOURLY VALUES DECEMBER 1879.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
.988	29.966	29.964	29.950	29.941	29.931	29.921	29.903	29.890	29.873	29.865	29.990	1
.680	.675	.671	.664	.660	.655	.660	.657	.653	.650	.650	29.721	2
.560	.550	.547	.560	.574	.570	.578	.590	.587	.607	.617	29.589	3
.718	.720	.749	.763	.773	.778	.789	.791	.789	.776	.773	29.706	4
.779	29.777	29.788	29.793	29.808	29.818	29.829	29.837	29.847	29.854	29.863	29.783	5
.081	30.091	30.120	30.139	30.167	30.187	30.209	30.225	30.244	30.257	30.277	30.064	6
.395	.397	.415	.424	.439	.443	.455	.461	.474	.476	.480	30.392	7
.495	.497	.496	.495	.500	.497	.490	.493	.487	.483	.491	30.494	8
.453	.443	.446	.439	.448	.449	.440	.445	.452	.449	.449	30.458	9
.390	.385	.386	.387	.398	.399	.397	.401	.405	.409	.407	30.409	10
.421	.413	.418	.420	.432	.431	.451	.451	.464	.471	.481	30.421	11
.568	.567	.575	.574	.591	.590	.600	.612	.612	.608	.618	30.549	12
.565	.546	.535	.527	.520	.510	.504	.496	.490	.486	.478	30.561	13
.377	.369	.376	.377	.380	.382	.386	.390	.391	.389	.386	30.404	14
.385	.378	.376	.367	.363	.352	.349	.367	.355	.352	.350	30.376	15
.249	.245	.248	.256	.265	.270	.286	.289	.295	.305	.313	30.278	16
.466	.468	.484	.495	.506	.516	.519	.532	.537	.546	.551	30.451	17
.520	.523	.528	.530	.532	.523	.531	.524	.533	.536	.530	30.539	18
.538	.631	.626	.524	.516	.512	.502	.487	.463	.444	.436	30.524	19
.181	30.160	30.151	30.149	30.137	.132	.124	.115	.104	.082	.078	30.213	20
.895	29.910	29.944	29.964	29.998	.038	.074	.109	.159	.205	.249	30.014	21
.479	30.482	30.488	30.494	30.515	.514	.538	.537	.555	.568	.565	30.458	22
.452	.429	.402	.387	.350	.344	.323	.299	.287	.268	.247	30.449	23
.368	.376	.393	.398	.412	.417	.431	.432	.440	.443	.446	30.338	24
.315	.304	.304	.299	.296	.269	.259	.241	30.223	.192	30.187	30.337	25
.051	30.042	30.031	30.035	30.053	30.023	30.028	30.015	29.999	30.003	29.983	30.066	26
.702	29.655	29.662	29.664	29.667	29.664	29.663	29.690	.703	29.735	.775	29.796	27
.650	.671	.714	.741	.766	.793	.830	.855	.873	.883	.892	29.804	28
.872	.928	.951	.967	.988	.995	.978	.981	.964	.928	.875	29.898	29
.754	.781	.797	.829	.859	.861	.865	.848	.838	.793	.754	29.714	30
.632	29.633	29.631	29.632	29.632	29.618	29.624	29.662	29.681	29.687	29.708	29.640	31

WET BULB THERMOMETER ..... 12 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
34.9	33.6	32.0	31.1	30.6	29.6	29.6	30.8	31.6	33.6	34.9	36.2	36.6	36.8	36.4	*	34.9	33.6	32.4	31.8	33.0	33.3	32.9	33.4	1
32.6	32.1	31.3	32.1	32.7	33.6	34.4	34.6	35.6	36.6	37.5	37.6	38.3	37.7	37.6	37.9	37.3	37.0	35.4	34.6	33.8	34.6	34.7	35.1	2
35.4	35.6	36.4	35.7	36.0	35.9	35.6	35.3	36.8	37.2	38.6	38.5	38.3	38.2	37.6	36.9	35.0	33.9	32.2	31.6	30.6	30.3	30.2	35.3	3
*	30.0	30.6	30.7	30.3	30.7	30.8	30.4	30.5	31.8	32.3	*	† 32.2	33.8	32.6	30.6	29.0	*	27.7	28.2	28.8	29.8	31.2	30.5	4
*	.....	37.0	38.4	38.6	37.0	38.3	38.7	40.3	41.3	41.8	41.9	42.9	42.7	42.3	42.1	42.6	41.9	42.6	42.9	42.0	42.4	42.6	39.9	5
42.5	41.6	41.3	40.3	40.8	41.4	39.7	39.6	40.8	42.1	42.7	44.3	44.0	44.7	43.8	40.7	38.4	36.1	36.0	35.3	36.1	35.4	35.3	40.2	6
33.8	32.6	32.4	32.4	32.7	31.7	32.2	32.1	33.7	35.5	37.6	38.9	40.3	39.6	38.9	35.4	34.2	32.6	33.5	33.9	33.9	34.0	32.6	34.5	7
33.8	34.0	34.3	33.5	33.9	34.1	33.4	34.1	34.2	38.1	40.4	41.4	42.5	42.6	41.3	38.3	37.9	37.1	36.0	38.2	39.0	41.7	40.9	37.3	8
44.6	44.0	42.8	43.3	43.3	42.7	42.5	42.9	43.0	43.5	44.4	44.4	45.1	45.3	44.4	42.1	40.1	39.7	38.5	38.8	37.7	36.6	36.9	42.1	9
37.6	39.3	38.4	39.5	39.6	40.6	38.4	38.6	39.6	41.5	42.3	42.6	42.0	41.7	41.3	41.1	40.7	40.6	40.3	40.4	40.4	40.4	40.4	40.2	10
40.6	40.9	40.8	41.1	41.1	41.3	41.5	41.6	41.9	42.5	42.3	42.7	42.4	43.4	43.6	43.5	43.1	43.4	43.1	43.4	41.8	41.0	41.1	42.0	11
41.6	42.2	42.6	42.9	43.3	43.5	44.4	44.4	44.0	44.6	44.6	44.8	44.8	45.3	45.0	44.6	44.6	44.5	44.4	44.3	43.6	43.6	43.3	43.8	12
43.4	43.3	42.7	42.6	42.9	43.4	43.8	44.3	45.3	46.3	47.2	47.5	47.6	47.6	47.5	47.6	47.9	48.1	48.5	47.8	47.3	47.5	47.9	45.9	13
48.0	47.8	47.0	47.6	47.2	47.0	47.3	47.1	46.7	47.5	47.6	48.1	48.1	48.1	48.0	47.9	48.4	48.3	48.0	47.8	47.9	47.7	46.7	47.7	14
46.9	46.6	46.6	47.1	47.0	46.7	46.3	46.2	45.6	46.0	46.0	46.5	46.1	46.3	46.2	45.6	45.3	44.7	44.2	44.0	43.5	43.9	44.5	45.8	15
44.6	44.6	44.7	44.6	44.8	45.0	45.1	45.0	45.3	45.6	45.6	45.8	45.4	45.8	46.6	46.0	45.5	46.3	46.4	47.6	46.6	47.3	48.1	45.7	16
47.3	47.5	47.5	47.5	46.7	46.6	46.3	46.0	45.6	45.1	44.9	45.5	45.6	45.1	45.1	44.6	44.5	44.6	45.1	45.3	44.9	44.4	44.6	45.8	17
44.6	44.1	43.9	44.5	44.6	44.1	43.6	43.6	43.0	43.6	44.4	45.1	45.3	44.9	43.5	42.3	41.3	40.9	38.9	40.0	39.7	39.3	38.8	42.9	18
38.2	37.1	37.6	36.2	36.0	36.0	34.4	35.8	36.9	38.5	40.3	41.3	41.6	41.7	39.8	37.3	36.3	34.9	34.7	34.0	34.3	32.6	33.0	37.0	19
35.1	35.1	35.1	36.7	38.0	38.3	39.8	40.4	40.2	40.5	41.6	40.3	40.8	42.5	42.3	42.5	42.6	43.5	44.6	44.9	44.5	45.1	45.4	40.6	20
45.4	45.1	45.2	45.6	45.4	45.8	45.8	46.3	46.3	47.1	47.1	47.3	48.0	47.6	45.1	43.9	44.0	42.8	42.6	41.9	42.6	42.3	41.4	45.0	21
40.9	38.8	39.6	39.3	38.6	40.7	42.4	43.4	44.6	45.4	46.3	46.5	47.3	47.5	46.0	48.1	48.4	48.8	48.9	49.0	48.9	48.8	48.9	45.0	22
48.3	47.9	47.8	47.7	48.0	47.8	47.6	47.5	47.4	48.0	48.1	48.2	48.2	47.5	47.1	47.0	46.6	46.6	46.9	47.3	47.1	47.4	47.8	47.6	23
47.9	48.1	45.3	44.6	43.9	43.6	43.4	42.3	42.7	43.3	43.3	43.5	42.8	43.0	43.0	41.3	39.5	40.6	39.1	38.5	38.0	37.3	37.4	42.5	24
39.1	38.9	38.6	38.6	38.5	37.7	38.4	39.7	42.1	43.9	45.8	47.1	47.3	45.8	45.1	44.6	43.7	43.3	43.5	43.9	44.0	44.0	44.9	42.3	25
44.8	44.5	44.6	45.3	46.0	45.7	45.6	45.8	45.9	46.8	47.0	47.6	47.4	47.7	47.9	47.9	47.3	48.3	48.9	49.5	49.6	49.7	49.7	47.0	26
48.2	47.9	48.3	48.3	48.4	48.3	48.3	48.9	49.0	49.6	49.7	50.1	50.6	50.8	51.3	51.4	52.0	52.3	52.5	52.8	52.9	53.6	52.7	50.3	27
49.6	50.6	49.7	48.3	47.6	47.0	49.1	49.2	50.6	52.3	52.7	52.7	52.9	53.3	51.4	49.3	49.3	48.0	46.5	45.2	.....	*	.....	49.2	28
45.6	45.6	44.7	44.1	44.4	43.9	43.2	41.9	39.9	40.3	39.7	39.5	38.8	38.6	39.0	38.9	39.8	39.6	39.9	41.4	39.8	41.6	42.6	41.6	29
43.7	42.6	42.2	41.3	40.8	37.6	38.1	36.5	37.2	37.4	37.3	37.6	38.1	38.6	39.8	39.9	39.9	41.2	42.0	43.6	44.5	45.7	47.1	40.7	30
48.3	48.9	49.7	50.4	50.5	51.1	51.0	51.5	51.6	51.6	51.5	51.8	51.8	51.8	51.8	51.8	51.8	52.3	52.3	52.3	52.0	52.5	52.1	51.2	31

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

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VALENTIA OBSERVATORY LAT. 51° 55' N. LONG: 10° 18' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	5	14	7	4.5	4	10.5	4	10.5	4	10.5	4	5.5	4	2	4	2	4	2	4	1.5	3	2	6	2	6
2	11	10.5	11	11	11	7.5	10	4	7	4.5	6	5.5	10	13	11	16	11	18	11	22	12	26	12	23	11
3	9	10.5	9	10.5	9	16	9	16	8	14	8	20	8	20	8	14	6	16	7	22	6	18	6	16	7
4	5	22	4	21	4	23	5	32	5	27	5	25	5	30	5	30	5	26	5	23	4	19	4	13	4
5	11	11	12	9.5	2	10.5	21	14	22	16.5	27	9.5	28	7.5	29	7.5	29	7.5	29	10.5	29	6.5	31	6.5	29
6	30	10.5	29	10.5	31	6.5	31	8.5	29	8.5	29	8.5	30	10.5	30	3	30	3	32	3	2	3	2	2	2
7	2	3	2	4.5	2	6.5	2	5.5	2	4	2	4	2	6.5	2	4.5	2	6.5	2	4.5	3	4	3	4	9
8	4	5.5	4	4	4	4.5	4	4.5	4	3	4	4.5	4	4	4	3	4	3	4	6.5	10	8.5	11	7.5	11
9	14	10.5	18	13	18	11	21	4	19	10.5	17	12	17	9.5	17	12	17	10.5	17	14	17	12	15	14	15
10	12	4	12	7.5	12	6.5	12	4.6	12	4.5	12	6.5	9	7.5	9	7.5	10	10.5	10	6.5	10	15	11	19	12
11	11	23	11	24	12	26	9	20	10	24	11	22	11	28	11	25	11	25	12	22	12	28	12	26	12
12	13	24	11	16	12	17	12	17	13	11	13	15	13	18	13	17	13	22	13	23	13	21	13	21	13
13	12	17	13	17	13	16	12	17	12	20	11	14	12	12	12	14	11	10.5	12	14	14	16	14	20	15
14	18	20	19	16	19	16	19	20	18	24	20	22	20	21	20	23	20	20	20	20	20	20	19	16	19
15	18	20	18	20	18	22	17	20	16	18	16	21	14	19	15	20	15	23	15	21	15	22	16	18	16
16	14	29	13	24	14	29	13	26	13	28	14	24	13	24	14	25	14	27	15	24	15	27	16	27	16
17	15	21	14	19	16	26	14	25	14	26	14	29	14	30	14	24	14	26	14	29	13	27	13	25	13
18	14	17	14	22	15	16	15	15	15	13	15	13	14	12	14	12	14	16	14	15	13	14	13	21	13
19	11	14	11	6.5	12	8.5	12	4	12	5.5	12	3	12	2	12	3	12	5.5	12	4.5	12	8.5	12	12	12
20	6	3	6	4	6	3	6	2	27	4	9	17	5	11	8	18	8	18	6	16	8	19	10	24	10
21	12	32	12	35	12	31	13	27	14	27	14	26	14	22	15	27	17	27	17	28	16	34	16	36	17
22	26	18	25	13	27	7.5	25	12	25	10.5	25	10.5	23	14	19	21	19	23	19	26	19	33	18	37	19
23	16	21	16	25	17	19	16	18	17	25	16	19	16	25	17	16	17	20	17	21	16	22	16	24	16
24	18	40	18	40	19	36	27	17	26	17	26	10.5	26	7.5	27	10.5	27	9.5	27	8.5	25	14	28	9.5	24
25	7	8.5	10	9.5	11	9.5	11	7.5	11	12	12	7.5	12	4.5	12	7.5	12	9.5	12	13	12	14	14	18	15
26	14	44	14	41	14	45	14	36	14	41	14	43	14	44	15	40	14	40	14	40	14	38	14	40	14
27	17	44	17	35	16	41	16	44	17	40	17	44	17	46	17	42	17	44	16	51	16	55	16	53	17
28	22	23	22	13	22	17	23	11	23	6.5	23	10.5	21	13	16	23	16	35	16	43	18	59	17	47	18
29	22	23	22	27	22	24	22	29	22	23	22	30	23	24	23	24	23	22	24	27	23	30	24	34	25
30	18	49	17	57	21	51	23	37	23	40	22	46	24	45	24	45	25	44	25	50	25	47	24	49	26
31	20	49	20	48	20	46	21	53	21	47	21	42	21	42	21	40	21	41	21	41	21	39	21	41	22

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.016	.008	.001	.	.	.003	.005	.	.	.004	.002	.016	.	.012	.002	.001	.001	.002	.
6	.	.	.	.	.	.	.	.	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.002	.003	.010	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.008	.	.	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005
21	.005	.002	.003	.	.	.015	.003	.012	.003	.002	.	.015	.097	.013	.050	.055	.015	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.035	.050	.025	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.095
24	.	.	.005	.180	.045	.017	.006	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.010	.002	.003	.013	.	.	.	.	.	.	.	.	.	.
26	.018	.	.	.	.	.	.002	.002	.	.	.	.	.010	.020	.012	.	.	.063	.027	.020	.025	.	.	.
27	.	.	.	.	.	.003	.002	.	.035	.018	.007	.020	.252	.178	.175	.015	.018	.017	.002	.008	.012	.003	.008	.022
28	.002	.020	.	.008	.005	.002	.002	.002	.002	.002	.	.	.	.005	.005	.002	.	.	.	.003	.003	.014	.010	.003
29	.005	.	.	.002	.	.003	.077	.010	.026	.002	.088	.002	.002	.003	.072	.003	.002	.003	.	.	.	.	.	.
30	.	.	.050	.030	.	.047	.118	.004	.010	.002	.008	.025	.005	.015	.058	.	.	.	.037	.010	.	.	.002	.073
31	.027	.023	.023	.023	.040	.065	.020	.015	.015	.005	.	.	.	.008	.	.	.	.002	.	.	.	.002	.002	.002

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.			DAYS
V		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V		
3		6	1.5	6	3	6	3	6	2	6	4.5	6	4.5	5	4.5	8	6.5	9	9.5	11	8.5		1
30		12	23	11	17	11	16	11	18	11	13	11	15	11	14	11	16	10	18	9	14		2
17		8	16	8	19	7	18	9	17	8	18	4	21	5	27	5	29	3	15	4	20		3
12		4	11	3	5.5	4	10.5	7	4.5	9	2	9	2	9	5.5	9	10.5	10	8.5	10	5.5		4
13		27	13	28	13	28	12	27	14	30	9.5	30	12	29	14	29	11	29	12	29	12		5
4		32	4.5	1	3	2	4	2	2	2	1.5	2	2	2	4	2	3	2	4	2	3		6
4.5		13	5.5	13	4	13	3	14	3	14	4	14	4	14	4.5	4	2	4	4.5	4	4		7
6.5		11	5.5	13	4	13	3	4	6.5	3	5.5	4	6.5	7	4	7	4.5	5	3	5	4.5		8
10.5		15	12	15	10.5	15	5.5	12	4	12	6.5	12	6.5	12	2	12	3	12	2	12	2		9
24		12	20	12	20	12	22	12	21	11	19	11	18	10	17	11	13	10	18	11	23		10
26		12	23	13	23	13	20	13	22	13	25	12	23	12	24	13	26	13	25	12	25		11
20		14	17	14	13	13	14	13	18	12	19	12	18	12	19	13	20	12	20	12	19		12
20		15	20	15	16	15	17	14	20	16	21	16	20	16	22	16	24	16	23	17	25		13
21		19	23	19	20	19	20	19	16	18	21	19	23	19	20	18	21	18	21	19	22		14
19		14	19	14	25	14	30	14	28	12	31	12	26	10	14	10	10.5	10	8.5	14	24		15
33		16	26	16	27	17	26	17	24	17	24	17	25	15	22	16	16	15	22	15	22		16
25		14	27	14	23	14	20	15	20	14	22	14	18	14	16	13	18	13	16	14	20		17
7.5		11	6.5	8	9.5	12	14	17	11	9	7.5	9	11	11	12	10	13	12	9.5	11	10.5		18
6.5		12	4.5	12	3	12	2	12	2	12	2	12	2	12	4.5	6	4	6	3	6	3		19
21		12	22	11	23	12	30	12	28	13	26	12	30	13	30	12	26	12	33	12	27		20
45		20	26	22	12	22	18	23	24	23	21	24	22	24	21	25	22	25	20	26	20		21
32		19	33	18	36	18	37	19	36	18	37	19	31	17	32	18	27	18	23	17	28		22
23		17	24	16	25	16	31	17	34	17	36	17	36	17	38	17	39	17	41	19	40		23
9.5		26	6.5	27	5.5	28	2	28	4.5	31	3	25	3	25	5.5	5	4	5	3	5	3		24
26		15	29	14	30	14	30	14	34	14	30	14	31	14	33	14	38	13	39	13	39		25
35		14	35	14	36	14	38	15	36	15	40	14	41	15	41	16	38	15	36	16	40		26
59		17	64	17	56	18	57	18	51	18	51	18	49	19	49	19	47	20	41	22	29		27
56		20	53	21	37	22	31	22	35	22	34	23	30	23	30	22	32	22	28	23	30		28
41		25	36	25	37	26	34	24	29	24	27	24	27	24	26	23	27	21	30	20	40		29
39		26	39	26	32	25	34	26	26	25	24	25	20	23	23	22	24	20	36	20	44		30
37		21	42	21	42	21	44	20	43	21	47	21	46	21	48	21	42	21	41	21	43		31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 6TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
.189	.170	.149	.145	.140	.136	.132	.142	.148	.172	.183	.181	.183	.190	.190	*	.190	.182	.167	.160	.163	.167	.161	1
.157	.153	.143	.150	.158	.173	.178	.182	.181	.190	.197	.199	.210	.205	.213	.209	.206	.199	.185	.173	.167	.173	.167	2
.169	.172	.186	.187	.188	.187	.185	.178	.186	.190	.204	.198	.195	.196	.197	.193	.172	.167	.156	.147	.135	.132	.131	3
*	.131	.138	.141	.141	.146	.145	.143	.145	.157	.159	*	.145	.177	.172	.149	.131	*	.110	.115	.124	.132	.149	4
*	.....	.194	.213	.222	.203	.216	.218	.219	.231	.235	.222	.230	.245	.237	.252	.251	.241	.249	.243	.237	.240	.239	5
.242	.237	.237	.228	.228	.230	.227	.237	.246	.255	.254	.268	.257	.266	.269	.238	.224	.202	.201	.195	.198	.195	.188	6
.178	.167	.167	.162	.162	.164	.160	.166	.176	.182	.199	.192	.209	.198	.194	.179	.177	.165	.174	.174	.175	.175	.170	7
.180	.182	.183	.173	.180	.179	.176	.183	.187	.211	.227	.239	.247	.248	.238	.215	.207	.193	.189	.209	.219	.246	.247	8
.287	.272	.254	.259	.249	.237	.233	.241	.242	.253	.259	.253	.263	.266	.258	.254	.236	.235	.224	.220	.210	.203	.205	9
.218	.230	.224	.233	.232	.235	.221	.218	.224	.233	.238	.239	.231	.228	.229	.228	.226	.224	.220	.221	.221	.221	.221	10
.214	.214	.214	.219	.216	.218	.222	.223	.223	.233	.220	.236	.221	.239	.245	.253	.244	.250	.248	.253	.230	.222	.218	11
.226	.235	.239	.240	.248	.253	.264	.263	.253	.265	.266	.264	.263	.272	.271	.271	.271	.274	.272	.267	.258	.255	.252	12
.255	.254	.245	.243	.247	.257	.264	.272	.282	.292	.303	.300	.306	.306	.308	.310	.317	.315	.320	.301	.286	.289	.297	13
.307	.309	.292	.298	.289	.283	.292	.287	.278	.295	.297	.305	.305	.305	.304	.301	.314	.309	.307	.301	.305	.301	.280	14
.288	.280	.281	.292	.293	.289	.281	.283	.270	.282	.280	.292	.282	.286	.287	.281	.277	.267	.262	.254	.250	.255	.264	15
.266	.263	.266	.263	.263	.267	.266	.262	.267	.269	.266	.264	.255	.263	.285	.268	.256	.271	.273	.304	.285	.294	.316	16
.306	.309	.308	.309	.294	.293	.290	.288	.275	.266	.263	.269	.267	.259	.263	.254	.256	.257	.263	.268	.260	.253	.256	17
.254	.251	.247	.262	.264	.266	.262	.264	.251	.255	.259	.263	.266	.254	.242	.247	.231	.235	.215	.223	.218	.219	.214	18
.212	.208	.209	.202	.198	.197	.190	.200	.205	.219	.230	.233	.234	.236	.223	.208	.205	.197	.192	.189	.188	.176	.182	19
.192	.195	.195	.197	.196	.211	.215	.221	.217	.220	.235	.210	.223	.245	.237	.244	.241	.255	.264	.271	.266	.275	.287	20
.280	.276	.280	.286	.287	.289	.286	.290	.284	.289	.289	.307	.316	.308	.283	.249	.241	.227	.234	.220	.243	.248	.231	21
.229	.219	.205	.207	.202	.216	.235	.249	.258	.267	.281	.285	.312	.318	.330	.326	.333	.333	.330	.327	.330	.329	.322	22
.308	.299	.302	.300	.318	.314	.302	.297	.294	.307	.309	.306	.308	.295	.289	.290	.281	.281	.285	.293	.289	.293	.324	23
.308	.315	.294	.281	.263	.264	.256	.247	.241	.241	.255	.241	.223	.229	.247	.244	.235	.229	.226	.219	.216	.211	.209	24
.221	.222	.220	.222	.226	.215	.224	.240	.250	.283	.302	.311	.309	.276	.269	.254	.246	.242	.249	.259	.259	.260	.275	25
.270	.265	.270	.278	.282	.285	.280	.282	.281	.296	.298	.311	.312	.311	.317	.312	.315	.327	.336	.343	.343	.348	.347	26
.307	.304	.314	.310	.312	.310	.309	.328	.323	.334	.338	.351	.359	.359	.366	.373	.378	.384	.389	.394	.394	.403	.391	27
.335	.336	.341	.327	.315	.300	.335	.330	.348	.383	.391	.384	.382	.381	.354	.310	.304	.286	.274	.252	.....	*	.....	28
.270	.269	.251	.265	.258	.261	.240	.241	.240	.224	.198	.209	.184	.224	.201	.183	.205	.211	.195	.226	.196	.217	.227	29
.248	.253	.235	.216	.230	.198	.191	.197	.196	.185	.204	.202	.194	.213	.209	.203	.216	.235	.233	.249	.263	.281	.304	30
.321	.330	.345	.357	.358	.368	.358	.372	.373	.374	.371	.377	.380	.369	.373	.365	.359	.368	.367	.380	.371	.385	.374	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT. Secretary.

ARMAGH OBSERVATORY LAT. 54° 21′ N LONG 6° 39′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.810	29.804	29.803	29.803	29.797	29.792	29.794	29.788	29.788	29.787	29.794	29.783	29.
2	.711	.704	.698	.691	.683	.666	.665	.660	.662	.663	.659	.653	
3	.644	.635	.630	.617	.616	.610	.614	.614	.622	.627	.630	.625	
4	.559	.557	.573	.565	.558	.566	.573	.589	.580	.583	.580	.565	
5	.454	.446	.434	.416	.423	.418	.416	.428	.428	.429	.436	.411	
6	29.569	29.589	29.613	29.634	29.651	29.681	29.713	29.751	29.778	29.811	29.840	29.858	29.
7	30.098	30.112	30.130	30.130	30.148	30.155	30.171	30.185	30.196	30.212	30.229	30.232	30.
8	.289	.290	.298	.297	.297	.294	.303	.304	.315	.319	.328	.318	
9	.280	.276	.265	.249	.241	.234	.235	.234	.241	.240	.240	.225	
10	.258	.262	.268	.264	.259	.260	.267	.280	.288	.295	.305	.299	
11	.304	.304	.302	.294	.294	.296	.305	.305	.319	.322	.340	.334	
12	.390	.386	.381	.382	.381	.382	.398	.418	.428	.432	.439	.425	
13	.455	.454	.448	.436	.424	.425	.414	.416	.417	.416	.420	.386	
14	.212	.202	.190	.168	.142	.146	.149	.144	.140	.143	.135	.126	
15	.142	.142	.148	.149	.156	.156	.161	.165	.177	.193	.198	.190	
16	.175	.159	.152	.136	.127	.116	.122	.118	.111	.114	.114	.096	
17	.148	.158	.170	.186	.195	.208	.231	.247	.276	.288	.304	.307	
18	.412	.396	.395	.394	.398	.398	.404	.402	.408	.415	.416	.408	
19	.401	.401	.398	.403	.407	.415	.425	.430	.431	.424	.435	.430	
20	.325	.310	30.285	30.264	30.241	30.233	30.231	30.217	30.194	30.201	30.190	30.188	30
21	30.031	30.003	29.988	29.959	29.937	29.911	29.902	29.903	29.886	29.873	29.850	29.820	29.
22	29.899	29.941	29.983	30.007	30.035	30.067	30.097	30.118	30.161	30.188	30.194	30.200	30.
23	30.257	30.255	30.263	30.246	30.252	30.241	30.242	30.265	30.264	.271	.277	.251	
24	29.940	29.897	29.884	29.852	29.906	29.921	29.938	29.965	29.994	.012	.042	.047	
25	30.218	30.228	30.239	30.235	30.242	30.238	30.244	30.246	30.256	.262	.281	.270	30.
26	30.129	30.106	30.089	30.077	30.061	30.056	30.058	30.060	30.052	30.042	30.037	30.020	29.
27	29.848	29.814	29.786	29.762	29.760	29.746	29.728	29.704	29.688	29.629	29.614	29.598	
28	.372	.432	.471	.511	.535	.574	.582	.585	.585	.547	.515	.433	
29	.461	.485	.500	.495	.491	.491	.491	.495	.477	.464	.447	.434	
30	.504	.462	.413	.321	.202	.100	.080	.065	.032	.034	.054	.084	
31	29.408	29.360	29.280	29.201	29.160	29.142	29.124	29.098	29.094	29.115	‡29.118	‡29.143	‡29.

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	M
1	28.8	28.0	28.0	25.4	25.4	27.3	27.8	27.0	27.3	28.2	29.7	31.1	31.4	31.6	31.1	29.6	28.1	26.5	24.5	23.6	23.0	22.6	21.9	21.9	
2	21.0	21.2	20.9	20.0	20.0	19.9	20.0	18.6	18.3	21.1	22.5	24.2	25.4	26.2	25.9	25.0	24.2	26.3	28.0	29.0	28.8	27.5	27.0	27.0	
3	26.8	26.3	26.2	26.5	24.4	28.1	24.0	25.5	29.0	31.7	29.3	29.9	30.0	30.0	28.4	29.0	29.0	27.0	26.8	26.1	23.3	23.0	24.0	25.6	
4	22.7	23.9	23.9	23.0	23.0	22.0	21.4	20.9	20.1	20.0	23.3	25.0	26.7	27.3	27.2	26.2	24.3	23.1	21.7	21.9	22.0	22.9	24.5	25.1	
5	25.9	26.2	26.9	27.0	26.2	26.4	27.0	27.0	28.5	29.9	31.6	33.5	34.8	35.5	36.7	36.4	35.9	35.0	35.8	34.5	33.9	33.7	34.5	35.0	
6	34.3	32.9	32.9	31.2	31.1	30.9	29.7	29.3	29.9	30.1	31.4	33.7	34.8	35.1	35.0	33.9	32.7	30.8	30.0	29.0	28.6	27.2	26.6	26.4	
7	26.4	26.0	28.0	27.9	25.9	26.6	27.9	27.3	28.0	31.0	33.4	33.4	34.9	35.0	34.7	33.8	31.8	30.9	29.6	28.8	28.9	29.6	30.0	29.4	
8	29.5	28.0	27.9	28.7	28.6	30.0	27.9	26.4	25.3	28.9	30.2	31.0	31.9	32.0	31.4	31.0	31.3	30.4	30.0	28.9	27.6	26.9	27.9	28.2	
9	30.1	31.0	30.6	30.2	30.5	31.6	31.6	31.2	31.1	32.6	33.6	34.3	35.9	36.4	35.3	35.6	36.0	35.2	35.1	35.5	35.6	35.8	35.9	35.8	
10	35.5	34.9	33.6	32.2	31.5	30.7	30.5	29.0	29.0	28.0	27.5	29.0	29.0	29.2	28.9	28.6	27.5	27.7	26.6	25.4	26.9	26.6	25.9	25.2	
11	24.2	23.3	23.0	22.5	21.9	21.5	20.9	20.5	20.3	20.9	22.2	23.9	25.1	26.8	26.0	24.7	24.5	24.0	24.8	24.5	25.5	24.2	24.0	23.4	
12	22.5	20.9	19.9	20.0	21.5	23.0	25.0	26.1	27.2	28.2	33.0	36.0	37.7	38.4	38.0	38.0	38.2	38.2	38.3	38.0	37.8	37.7	37.5	36.4	
13	36.9	36.3	36.7	37.0	36.6	36.9	36.5	36.1	36.1	36.9	37.0	39.4	39.2	39.6	39.1	38.2	36.9	37.2	37.6	38.6	39.3	39.1	38.9	39.6	
14	40.4	40.4	40.6	40.0	40.0	42.0	42.6	42.4	43.6	43.4	43.9	44.0	44.0	44.0	44.0	44.5	44.8	44.6	44.3	44.4	44.4	43.3	43.0	43.3	
15	44.0	43.9	43.8	42.9	42.3	41.6	40.7	39.3	39.8	40.9	43.5	44.4	44.8	44.9	44.9	44.4	44.0	43.0	43.1	43.1	42.6	42.3	42.7	42.4	
16	42.5	42.5	42.5	42.4	42.5	42.5	41.9	42.2	42.2	41.0	42.5	43.3	44.8	44.1	44.1	43.1	42.5	43.0	43.4	43.0	43.2	43.0	43.7	43.0	
17	43.9	43.6	43.5	43.2	43.7	43.9	42.5	41.4	41.8	43.3	44.2	45.0	45.7	45.5	45.3	43.5	40.9	40.4	40.5	40.2	39.8	38.1	36.9	35.9	
18	36.1	36.0	36.0	35.0	33.4	32.4	33.9	32.8	35.0	34.7	33.9	34.7	34.9	35.8	40.1	39.6	40.0	38.3	37.6	34.7	35.5	35.9	35.0	31.8	
19	31.7	31.3	28.2	28.3	26.8	27.0	26.0	25.2	26.8	28.0	28.3	29.9	31.6	32.0	32.4	32.3	32.6	33.1	33.2	33.0	34.2	34.3	33.5	32.9	
20	32.1	31.5	31.1	32.1	32.0	33.8	35.3	35.5	36.3	37.2	38.0	37.9	38.1	38.6	38.2	37.9	36.9	36.8	37.1	37.6	37.7	38.2	38.9	39.1	
21	39.3	39.2	39.0	39.4	39.3	39.0	38.4	38.5	39.8	40.9	41.6	42.0	43.0	43.9	44.0	44.5	45.2	45.0	45.0	44.7	43.8	43.5	42.8	41.6	
22	39.2	39.0	36.9	36.1	36.0	35.6	35.0	35.0	35.8	37.2	39.6	40.0	41.5	42.2	43.4	42.9	42.6	43.0	44.0	45.0	45.6	46.9	47.6	47.9	
23	48.1	48.1	48.5	49.0	48.3	48.3	48.1	47.2	47.0	47.0	46.9	47.7	47.7	47.7	47.4	47.0	46.7	46.5	46.1	45.2	44.2	42.9	42.6	42.6	43.0
24	43.6	43.8	44.0	44.3	42.1	40.8	40.0	39.4	37.9	38.5	40.4	41.3	41.9	42.3	41.4	40.0	38.9	38.9	37.9	37.0	36.2	35.6	36.0	35.9	
25	35.0	35.5	35.2	35.3	35.2	35.0	33.9	34.0	34.0	35.2	38.0	39.6	40.4	40.9	41.0	40.2	40.0	40.5	41.0	41.2	41.9	42.0	41.9	43.0	
26	42.9	42.8	42.8	42.9	42.8	42.0	41.4	40.9	41.0	41.0	42.4	43.0	43.1	43.2	42.0	42.0	41.6	41.9	42.9	43.0	43.0	43.6	43.9	44.0	
27	44.3	45.0	46.6	46.9	47.9	47.6	48.0	49.0	49.1	49.4	50.2	50.1	48.7	48.0	47.9	48.0	48.3	49.0	49.9	50.3	51.5	51.8	52.3	52.6	
28	51.9	49.3	47.7	46.0	45.9	45.0	43.9	44.1	44.7	44.7	45.1	46.0	47.4	51.0	52.4	53.6	51.9	50.2	47.1	45.8	44.3	43.3	43.0	43.6	
29	43.3	42.3	41.9	41.9	41.1	41.2	40.0	39.0	38.2	40.0	41.4	41.3	41.3	41.2	40.7	40.0	37.9	37.4	36.6	36.0	36.4	36.3	36.6	36.0	
30	35.9	36.1	37.0	37.2	38.0	38.9	38.5	39.2	36.3	35.5	35.6	35.1	34.7	34.8	34.0	34.3	35.4	35.3	35.0	34.2	34.6	35.0	34.6	35.3	
31	35.5	35.3	35.9	37.7	42.0	45.0	46.1	47.0	47.8	48.9	49.0	49.3	49.0	48.8	49.0	49.5	49.5	49.7	50.0	50.4	50.5	50.9	51.0	51.6	

* Record defective or Instrument out of action † Reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1879.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
.760	29.749	29.748	29.750	29.748	29.748	29.746	29.736	29.718	29.720	29.714	29.769	1
.629	.636	.629	.634	.638	.631	.630	.635	.639	.640	.643	29.656	2
.599	.593	.589	.591	.588	.592	.589	.588	.579	.568	.566	29.606	3
.542	.538	.536	.536	.529	.526	.512	.507	.488	.476	.469	29.544	4
.399	.399	.403	.421	.441	29.466	29.479	29.497	29.518	29.530	29.557	29.444	5
.889	29.912	29.935	29.957	29.984	30.006	30.028	30.047	30.060	30.072	30.088	29.848	6
.221	30.231	30.243	30.257	30.258	.270	.277	.282	.281	.290	.289	30.214	7
.305	.315	.311	.311	.311	.314	.311	.309	.307	.299	.294	30.307	8
.208	.203	.195	.196	.212	.224	.230	.235	.251	.254	.254	30.235	9
.296	.293	.292	.290	.298	.298	.300	.306	.299	.307	.310	30.287	10
.321	.329	.325	.328	.337	.355	.363	.369	.372	.385	.390	30.330	11
.422	.427	.431	.440	.442	.456	.456	.458	.465	.468	.456	30.424	12
.350	.330	.315	.306	.288	.296	.286	.278	.271	.260	.243	30.363	13
.106	.100	.107	.117	.112	.119	.117	.124	.130	.140	.144	30.139	14
.163	.162	.168	.182	.190	.189	.190	.186	.182	.184	.184	30.172	15
.064	.055	.057	.054	.076	.090	.095	.104	.122	.132	.144	30.109	16
.314	.333	.340	.358	.364	.377	.387	.384	.384	.402	.407	30.295	17
.396	.407	.411	.411	.402	.411	.405	.403	.401	.401	.401	30.404	18
.419	.411	.414	.419	.422	.415	.397	.383	.362	.351	.333	30.406	19
.150	30.134	30.128	30.128	30.129	30.120	30.100	30.082	30.069	30.060	30.048	30.174	20
.763	29.736	29.724	29.710	29.706	29.712	29.733	29.758	29.787	29.817	29.866	29.841	21
.194	30.194	30.190	30.219	30.206	30.205	30.220	30.240	30.234	30.249	30.259	30.146	22
.201	.184	.142	.115	.100	.091	.073	.063	.042	.020	29.984	30.180	23
.062	.072	.086	.107	114	.132	.156	.168	.179	.206	30.214	30.039	24
.238	30.220	30.204	30.196	30.185	30.184	30.177	30.176	30.165	30.150	30.138	30.219	25
.974	29.969	29.970	29.979	29.950	29.949	29.970	29.942	29.908	29.889	29.860	30.006	26
.537	.470	.407	.366	.329	.332	.307	.303	.281	.301	.321	29.550	27
.239	.173	.155	.199	.262	.315	.368	.399	.416	.433	.449	29.412	28
.384	.391	.393	.458	.458	.463	.496	.512	.512	.518	.512	29.468	29
.150	.183	.202	.256	.319	.365	.387	.406	.433	.432	.426	29.250	30
.171	‡29.193	‡29.209	‡29.203	‡29.207	‡29.198	‡29.192	‡29.179	‡29.184	‡29.221	‡29.248	29.192	31

WET BULB THERMOMETER

4 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
27.0	26.6	24.3	24.1	26.0	26.7	26.2	26.2	27.0	28.4	29.0	28.8	28.9	28.1	27.6	26.7	25.1	23.3	22.5	22.0	21.7	21.0	21.0	25.7	1
20.3	20.0	19.1	19.2	18.5	19.0	17.9	17.7	20.3	21.8	23.2	24.4	25.2	25.0	24.1	23.2	25.1	26.5	26.5	26.3	25.4	25.3	25.5	22.5	2
25.1	25.1	25.7	23.6	22.3	23.1	24.1	28.0	29.6	27.3	27.8	27.8	27.1	26.0	26.1	26.4	24.9	24.3	23.9	22.0	21.6	22.4	23.9	25.1	3
22.1	22.4	22.0	22.0	21.0	20.9	20.0	19.6	19.3	22.3	24.0	25.3	26.0	26.0	24.9	23.2	22.0	20.7	20.8	21.0	21.5	23.0	23.9	22.3	4
24.6	25.0	26.4	25.0	25.0	25.8	26.0	27.6	29.0	30.5	*	33.2	34.1	35.9	35.7	35.0	34.2	34.9	33.8	33.0	33.0	34.0	34.1	30.5	5
32.1	32.0	30.8	*	*	29.0	28.9	29.0	29.2	30.2	*	33.4	33.9	33.5	32.7	31.6	*	*	27.9	27.6	26.4	25.9	25.7	30.2	6
25.3	27.0	26.8	25.0	25.9	27.1	26.9	27.1	29.9	*	32.0	33.2	33.0	32.9	32.0	30.5	*	*	28.0	28.0	28.2	29.0	28.1	28.9	7
27.0	27.0	27.9	28.0	29.1	27.0	25.8	24.4	28.1	29.9	30.5	31.0	31.4	31.0	30.5	*	30.0	29.2	28.1	27.0	26.1	27.2	27.8	28.6	8
30.7	29.9	29.8	29.9	30.5	30.4	30.1	30.0	31.0	*	33.0	34.3	35.1	34.9	35.0	35.0	34.8	34.8	35.0	35.0	35.0	35.3	35.3	32.8	9
34.2	33.0	31.9	30.9	*	*	28.7	28.5	27.8	27.0	28.3	28.2	28.9	28.2	28.1	27.0	27.1	26.0	24.8	26.2	26.0	25.1	24.7	28.6	10
23.0	22.4	21.8	21.0	20.9	20.3	20.0	20.0	20.3	21.4	23.0	24.5	26.0	25.4	24.0	23.6	23.2	24.0	23.6	24.7	23.3	23.0	22.9	22.8	11
20.0	19.0	19.5	20.9	22.5	24.2	25.3	26.5	27.5	*	34.3	35.3	35.9	35.9	36.8	36.0	36.0	36.0	35.7	35.2	35.0	35.0	34.2	30.0	12
34.0	34.3	34.6	34.6	34.6	34.5	34.2	34.4	35.0	35.0	37.0	37.4	37.3	37.0	36.5	35.6	35.9	36.4	37.3	38.2	38.1	38.0	38.5	36.0	13
39.1	39.2	38.9	39.0	40.7	41.0	41.0	42.1	42.0	42.4	42.9	43.0	43.0	43.4	43.7	43.4	43.0	42.8	42.4	42.0	41.8	42.0	42.5	41.7	14
42.4	42.3	41.5	41.0	40.3	39.7	38.6	38.7	39.7	41.6	42.0	42.7	42.5	42.2	42.0	41.9	40.9	41.2	41.4	41.0	40.9	40.9	40.8	41.2	15
40.6	40.8	40.9	40.9	40.9	40.3	40.4	40.4	39.1	40.0	40.7	41.2	41.2	41.5	41.0	40.4	41.0	41.0	40.9	41.0	40.9	41.1	41.0	40.7	16
41.0	41.1	41.3	41.8	41.9	41.0	40.2	40.4	42.0	42.7	43.0	43.0	43.1	42.9	41.0	39.1	38.4	38.9	38.8	38.0	36.9	35.8	35.0	40.4	17
34.9	35.0	33.9	32.8	31.9	33.0	31.9	34.0	33.3	33.0	33.9	34.0	34.9	38.5	38.3	38.2	37.0	36.1	33.9	34.5	34.9	34.2	30.8	34.5	18
30.6	26.9	27.3	26.0	26.1	25.4	24.6	26.0	27.0	27.5	29.0	30.8	31.1	31.8	31.9	....	....	*	....	....	33.0	32.7	32.2	29.7	19
30.9	30.8	31.7	31.6	33.0	34.5	34.6	35.4	36.0	36.7	36.7	37.0	37.3	36.4	35.9	35.0	35.0	35.0	35.3	35.7	36.1	36.8	37.0	34.8	20
37.4	37.2	37.8	37.9	37.3	37.1	37.0	38.1	39.0	40.0	40.5	41.3	41.9	42.1	42.7	43.3	43.5	43.8	43.1	42.1	42.1	41.5	40.0	40.2	21
37.9	36.0	35.0	34.7	34.1	33.8	33.9	34.0	35.0	37.0	37.7	38.9	39.0	40.0	39.9	39.7	40.2	42.0	43.0	43.9	45.4	46.2	46.8	38.8	22
47.0	47.1	47.0	46.9	46.4	45.9	45.0	45.0	45.0	44.9	45.3	45.0	44.8	44.7	44.2	44.0	43.5	42.9	42.1	41.0	40.5	40.5	40.5	44.4	23
41.0	41.1	41.7	41.1	40.1	39.4	38.7	37.1	37.9	39.6	40.0	40.2	40.6	39.7	38.1	37.2	37.3	36.1	35.3	35.0	34.2	34.6	34.3	38.4	24
33.8	33.8	33.7	33.7	33.3	32.6	32.5	32.6	33.9	35.1	36.8	37.0	38.0	38.1	37.1	38.0	38.7	39.0	39.9	40.5	40.7	40.7	41.0	36.4	25
40.0	40.1	40.7	40.1	40.1	39.7	39.0	38.8	38.2	39.0	39.2	39.6	39.8	39.8	39.3	39.0	39.0	39.5	40.0	40.7	41.1	41.3	41.7	39.8	26
42.8	44.0	44.6	45.3	45.9	46.5	46.8	47.0	47.2	47.4	47.0	46.8	46.6	46.6	46.7	47.0	47.9	48.8	49.2	50.6	51.0	51.9	52.0	47.2	27
47.9	46.0	44.0	43.2	43.0	42.0	42.4	42.3	42.5	43.2	44.1	46.0	49.1	51.1	52.0	49.0	46.3	42.6	42.0	41.8	41.3	41.5	42.6	44.9	28
40.7	40.0	40.0	39.5	39.8	38.4	37.5	37.0	38.8	39.9	39.5	39.8	39.0	38.2	36.8	36.8	36.4	35.0	34.9	35.3	35.0	34.6	35.0	38.0	29
34.8	35.2	35.4	35.9	37.4	37.2	37.5	35.6	34.8	34.8	34.1	33.9	34.0	33.2	33.0	33.7	33.5	33.4	33.2	33.7	34.0	33.9	34.0	34.6	30
34.5	35.0	37.0	42.0	44.8	45.9	46.7	47.3	48.3	48.8	49.0	48.2	48.1	48.9	49.0	48.9	48.9	49.9	50.0	50.0	50.0	50.4	50.2	46.1	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT 54° 21'N. LONG: 6° 39' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	29	3	29	4	29	4	29	4	29	4	29	4	29	4.5	29	3	29	3	29	3	29	3	29	2	29
2	29	4	29	3	29	3	29	2	29	2	29	2	29	2	29	2	29	3	29	3	29	2	29	3	29
3	6	7.5	6	6.5	6	7.5	6	5.5	6	4	6	4	6	4	6	5.5	8	12	7	8.5	7	9.5	6	11	6
4	9	5.5	8	4.5	10	4	9	4	9	3	9	2	9	3	9	2	9	3	9	3	9	2	9	2	9
5	19	8.5	19	11	19	10.5	19	12	19	10.5	19	11	20	11	20	9.5	20	10.5	20	8.5	20	13	20	12	20
6	20	4.5	20	4	20	4	20	4	20	4	20	4	20	4.5	20	4	20	4	20	4	20	4	20	4	20
7	20	4.5	20	4	20	4.5	20	4.5	20	4	20	5.5	20	4.5	20	5.5	20	5.5	20	6.5	20	6.5	20	5.5	20
8	20	5.5	20	5.5	20	5	20	5.5	20	7	20	4.5	20	3	20	3	20	4.5	21	6.5	21	5.5	21	8.5	20
9	20	7.5	20	4.5	20	6.5	20	4.5	20	6.5	20	4.5	20	8.5	20	6.5	20	9.5	20	8.5	19	12	19	9.5	20
10	20	3	20	4	20	3	20	4	20	4	20	4	20	3	20	2	20	2	20	2	20	2	20	2	20
11	20	1.5	20	2	20	1.5	20	2	20	2	20	1.5	20	2	20	1.5	20	2	20	1.5	20	2	20	2	20
12	20	2	20	2	20	2	20	2	20	2	20	2	20	2	20	1.5	20	2	20	2	20	5.5	19	4.5	18
13	17	13	18	13	18	12	18	11	18	9.5	18	13	17	12	17	12	17	10.5	17	9.5	18	10.5	17	14	17
14	19	14	18	12	19	12	19	11	18	13	19	15	19	19	19	15	18	20	18	20	18	22	19	20	20
15	19	13	19	9.5	19	10.5	19	7.5	19	11	19	10.5	19	7.5	19	11	19	9.5	19	9.5	19	13	19	8.5	19
16	18	9.5	18	7.5	18	7.5	19	7.5	18	8.5	18	10.5	16	11	17	10.5	17	12	17	14	17	17	17	16	17
17	17	14	17	13	17	16	17	12	17	11	17	12	18	6.5	18	5.5	18	5.5	18	7.5	18	9.5	18	8.5	18
18	17	4	17	7.5	17	7.5	17	4.5	17	2	17	4	17	5.5	17	6.5	17	7.5	19	4	19	3	19	2	19
19	17	3	17	2	17	3	17	2	17	2	17	3	17	2	17	2	17	3	17	2	17	3	17	1.5	17
20	11	4	11	4	11	3	11	3	7	4	7	6.5	9	5.5	12	5.5	7	9.5	11	8.5	10	7.5	10	4.5	10
21	14	17	14	16	14	20	14	19	14	20	14	22	16	22	15	23	14	22	14	18	14	29	15	24	15
22	21	11	21	10.5	21	10.5	20	13	19	16	20	15	19	12	19	15	19	17	18	14	19	18	19	21	19
23	20	27	20	28	18	15	19	17	18	22	18	26	19	29	18	23	19	29	18	23	18	21	18	20	18
24	17	26	18	27	18	29	18	26	23	14	26	3	24	4.5	23	3	21	4.5	20	10.5	20	17	20	13	20
25	20	9.5	18	7.5	18	10.5	18	9.5	18	5.5	18	7.5	18	6.5	18	6.5	18	7.5	18	4.5	18	8.5	18	9.5	18
26	17	13	16	11	15	17	15	19	15	23	16	20	16	15	16	13	15	19	15	19	14	27	15	22	14
27	15	30	16	32	16	31	16	30	16	27	16	26	17	24	17	27	17	27	17	26	17	36	18	30	18
28	22	21	23	18	23	18	22	16	22	12	21	12	20	10.5	18	12	18	13	17	16	16	21	17	23	17
29	21	21	20	17	20	16	20	17	19	20	20	20	19	14	24	13	18	14	18	19	19	27	19	20	18
30	20	21	20	20	17	20	17	22	16	28	17	32	18	25	20	24	18	20	20	23	21	25	24	21	22
31	19	15	18	11	16	15	17	20	19	22	20	22	20	21	19	24	20	21	21	20	21	19	20	18	21

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2																								
3																								
4																								
5																								
6																								
7													.010											
8																								
9										.005								.020	.010					
10																								
11										.007														
12					.014																			
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20					.010																			
21																		.010	.020					
22										.005														
23																								
24					.040	.021																		
25																								
26																								
27													.050	.055	.105	.100	.020	.050	.030			.010	.010	.010
28	.120														.010									
29								.030	.030	.005						.020	.030	.010		.010	.020			
30						.060	.020		.040	.055	.020	.010	.010	.010		.020								.010
31	.020	.060	.090	.040	.040	.010	.020	.030	.040	.020	.030		.020	.020	.010				.020	.080	.050			

*Heard detector or Instrument out of action. †Obtained from reading of Standard. • Approximate

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT.				DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V				
3	29	3	29	3	29	3	29	3	29	4	29	4.5	29	4.5	29	4	29	4	29	4			1
4	29	4	29	4.5	29	4.5	32	6.5	5	9.5	6	8.5	6	5.5	6	6.5	6	7.5	6	8.5			2
1	6	7.5	6	9.5	7	5.5	7	6.5	9	6.5	9	4.5	9	3	9	3	9	5.5	9	4.5			3
2	9	2	9	2	9	4	12	4.5	13	4.5	13	5.5	17	7.5	18	10.5	18	10.5	19	8.5			4
9.5	24	9.5	25	10.5	25	10.5	25	4.5	25	4	25	6.5	25	4.5	25	5.5	25	4.5	25	3			5
2	20	2	20	3	20	3	20	4	20	3	20	4	20	4.5	20	3	20	4	20	4.5			6
1.5	20	5.5	20	6.5	20	6.5	20	4.5	20	4	20	4	20	4.5	20	6.5	20	6.5	20	5.5			7
4.5	21	6.5	21	7.5	21	4	21	4	21	4	21	4.5	21	3	21	2	21	3	21	6.5			8
2	20	10.5	20	10.5	20	8.5	20	5.5	20	5.5	20	4	20	4	20	4.5	20	3	20	3			9
3	20	2	20	2	20	1.5	20	3	20	2	20	1.5	20	2	20	2	20	1.5	20	2			10
3	20	2	20	2	20	2	20	2	20	3	20	2	20	2	20	2	20	1.5	20	2			11
11	17	9.5	17	13	17	12	17	12	17	11	17	12	17	14	17	12	17	12	17	15			12
14	18	11	18	9.5	18	10.5	18	9.5	21	6.5	20	7.5	20	7.5	19	6.5	19	10.5	19	10.5			13
15	20	14	19	15	19	11	18	11	19	11	19	11	19	10.5	20	10.5	20	11	19	12			14
9.5	18	11	18	13	18	10.5	17	10.5	17	9.5	17	10.5	17	10.5	17	8.5	18	9.5	18	8.5			15
5	17	13	17	14	16	16	17	13	17	13	17	14	18	12	18	10.5	18	12	19	8.5			16
8.5	18	9.5	18	7.5	18	7.5	18	7.5	17	8.5	17	6.5	17	11	17	5.5	17	4	17	3			17
4	17	5.5	17	4	17	4.5	17	4	17	4	17	3	17	4.5	17	4.	17	3	17	3			18
2	17	2	17	3	17	2	17	3	17	2	17	3	15	4	11	4.5	11	4.5	11	4.5			19
6.5	16	10.5	15	11	15	8.5	16	8.5	16	7.5	13	11	12	12	14	11	14	14	14	13			20
13	16	22	16	20	16	21	16	23	18	21	18	15	19	14	20	15	20	14	21	13			21
21	18	23	18	27	17	21	17	22	18	23	18	23	20	24	19	26	18	25	19	25			22
19	18	20	18	21	17	26	17	23	18	29	18	25	18	22	17	18	17	23	17	26			23
1	21	12	21	12	20	12	20	13	20	12	20	11	20	11	20	10.5	21	10.5	20	11			24
1	16	12	14	13	15	14	14	16	14	18	14	19	15	16	15	14	16	13	17	13			25
18	15	24	15	23	15	25	15	25	15	26	15	23	15	27	15	23	15	29	15	27			26
24	17	31	17	32	17	39	18	35	18	35	18	30	18	35	19	32	19	34	20	30			27
21	18	40	19	41	20	39	21	32	22	25	22	22	21	16	21	13	20	15	20	16			28
16	20	22	22	22	22	16	19	17	21	20	21	17	20	16	20	18	20	21	20	19			29
9	24	20	20	19	23	18	26	14	26	14	25	12	20	13	22	14	20	19	20	16			30
5	20	11	22	14	21	14	20	15	19	22	20	23	20	26	21	26	22	18	21	20			31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS.
122	112	102	096	109	119	121	115	119	130	126	120	120	108	113	114	101	094	091	088	092	086	086		1
084	081	076	079	063	073	078	081	087	097	097	114	110	110	104	097	105	110	096	095	092	097	102		2
105	106	119	100	097	098	094	130	132	110	113	112	098	092	088	094	087	077	078	082	078	078	086		3
073	080	088	088	083	098	081	090	083	092	100	103	109	111	101	094	086	084	081	083	079	084	095		4
094	091	099	103	100	109	114	131	142	153	*	170	182	202	202	194	188	193	186	177	180	190	184		5
171	169	166	*	*	146	151	142	144	148	*	174	181	174	171	163	*	*	128	128	123	122	121		6
117	122	119	110	122	128	137	125	146	*	163	169	164	166	158	150	*	*	135	132	127	140	127		7
122	125	135	139	143	125	124	107	135	160	161	159	167	167	161	*	159	145	135	132	120	131	143		8
166	153	158	155	153	150	149	147	151	*	172	181	191	199	197	193	198	199	199	197	195	200	201		9
189	181	177	163	*	*	151	145	147	135	139	136	153	138	172	135	133	125	118	124	125	113	120		10
114	102	097	086	096	092	093	099	092	092	097	116	119	121	109	103	101	106	103	112	100	094	108		11
081	076	090	096	106	107	115	127	134	*	180	181	184	188	187	188	188	187	185	178	176	178	175		12
172	173	175	179	176	179	178	181	183	182	195	205	198	198	197	194	196	205	209	219	219	219	221		13
224	223	224	226	239	238	241	250	251	253	263	265	265	268	271	267	261	256	252	252	251	252	257		14
258	252	246	242	235	238	226	222	230	242	240	249	244	238	240	242	232	237	241	238	240	235	237		15
232	236	239	238	235	232	231	231	217	220	225	220	227	233	233	228	234	230	232	232	232	229	234		16
228	231	238	243	243	240	235	235	252	257	253	247	251	248	229	218	211	219	220	209	205	197	194		17
191	193	182	179	174	177	168	184	174	177	186	185	193	216	217	211	205	196	186	189	192	188	156		18
160	117	126	119	117	121	116	119	122	132	142	159	160	171	176	.....	.....	*	.....	.....	172	176	172		19
163	167	174	170	178	191	191	197	198	203	204	207	209	195	189	183	184	181	182	188	190	196	198		20
205	203	210	213	205	206	204	211	216	229	235	240	243	246	253	258	264	271	259	248	252	247	229		21
216	201	192	188	181	180	182	177	180	193	202	209	205	211	214	214	219	244	253	267	285	295	305		22
308	306	298	304	292	282	273	275	275	274	274	267	266	268	261	259	254	249	244	235	229	229	225		23
226	236	235	246	239	234	227	211	221	234	232	230	234	225	209	204	206	193	187	191	183	186	181		24
176	178	176	176	170	169	166	168	180	175	190	185	198	199	189	207	215	215	231	236	239	240	234		25
217	219	224	219	227	225	216	211	201	203	201	207	209	221	212	210	208	207	215	228	230	231	238		26
249	238	267	271	288	297	294	297	298	298	285	297	299	303	302	306	320	330	336	358	364	381	380		27
316	289	265	249	253	245	251	242	247	256	267	293	326	358	366	311	269	224	227	237	237	245	248		28
236	226	226	224	229	215	209	206	222	229	222	228	213	204	222	205	204	186	191	192	190	186	193		29
188	186	187	188	208	208	207	201	195	193	185	186	186	180	172	175	172	172	178	183	184	187	181		30
191	194	212	267	294	308	316	320	331	343	344	327	328	345	341	339	336	358	356	355	349	358	345		31

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55° 53' N LONG 4° 18' W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.740	29.749	29.749	29.741	29.736	29.731	29.734	29.748	29.741	29.749	29.755	29.739	29.7
2	.704	.706	.701	.693	.683	.677	.673	.673	.679	.697	.684	.671	.6
3	.709	.718	.709	.713	.711	.713	.714	.725	.724	.733	.724	.712	.6
4	.619	.612	.604	.598	.597	.593	.594	.587	.586	.590	.581	.557	.5
5	.371	.355	.350	.336	.336	.325	.315	.311	.312	.306	.291	.284	.2
6	29.532	29.555	29.591	29.620	29.644	29.675	29.711	29.743	29.771	29.812	29.827	29.846	29.8
7	30.076	30.086	30.095	30.104	30.110	30.124	30.137	30.147	30.158	30.173	30.185	30.187	30.1
8	.255	.263	.266	.274	.279	.278	.280	.294	.298	.302	.297	.301	.2
9	.235	.232	.222	.199	.184	.170	.158	.151	.144	.138	.128	.125	.1
10	.266	.271	.274	.280	.295	.294	.301	.305	.311	.324	.324	.321	.3
11	.304	.306	.298	.292	.288	.292	.288	.292	.301	.313	.316	.318	.3
12	.384	.384	.385	.383	.386	.390	.400	.409	.421	.434	.444	.441	.4
13	.445	.443	.441	.434	.421	.415	.413	.410	.408	.402	.392	.376	.3
14	.152	.137	.116	.106	.089	.085	.075	.062	.068	.070	.064	.046	.0
15	.080	.085	.087	.088	.092	.102	.110	.121	.132	.152	.152	.154	.1
16	.174	.168	.160	.148	.137	.134	.134	.128	.131	.124	.120	.098	.0
17	.124	.140	.156	.165	.180	.195	.205	.232	.253	.272	.283	.290	.2
18	.411	.402	.404	.404	.410	.411	.419	.427	.436	.437	.437	.436	.4
19	.429	.431	.430	.424	.435	.444	.445	.444	.446	.459	.451	.445	.4
20	.392	.378	.369	.356	.340	.331	30.334	30.317	30.315	30.311	30.296	30.269	30.2
21	30.106	30.082	30.065	30.043	30.032	30.018	29.996	29.988	29.978	29.972	29.938	29.933	29.8
22	29.773	29.804	29.840	29.872	29.903	29.934	29.987	30.021	30.056	30.107	30.114	30.129	30.1
23	30.175	30.196	30.205	30.214	30.216	30.222	30.237	30.235	30.238	30.255	30.247	30.221	30.1
24	29.925	29.900	29.853	29.803	29.764	29.789	29.814	29.828	29.857	29.889	29.919	29.911	29.9
25	30.101	30.129	30.153	30.171	30.172	30.189	30.197	30.214	30.235	30.251	30.273	30.283	30.2
26	30.198	30.186	30.167	30.148	30.132	30.134	30.130	30.125	30.114	30.121	30.114	30.092	30.0
27	29.952	29.946	29.910	29.874	29.860	29.843	29.795	29.735	29.751	29.731	29.688	29.656	29.6
28	.172	.249	.316	.386	.428	.454	.476	.488	.506	.516	.497	.434	.3
29	.306	.316	.322	.327	.339	345	.348	.364	29.354	29.352	29.350	29.340	29.2
30	.322	.317	.323	.306	.277	.226	.158	.026	28.975	28.956	28.936	28.899	28.8
31	29.255	29.265	29.253	29.223	29.200	29.173	29.151	29.109	29.075	29.058	29.046	29.039	29.0

DRY BULB THERMOMETER. ..... 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	ME
1	31.5	30.4	29.9	30.1	30.9	29.0	29.1	28.8	30.0	29.5	30.7	32.6‡	33.9	35.0	34.1	32.3	32.3	33.4	31.2	29.8	27.7	27.3	27.4	26.9	3
2	26.0	26.6	27.0	26.8	25.8	26.7	26.7	24.7	24.3	25.2	26.9	32.3	33.9	31.8	32.3	32.0	31.3	30.2	29.0	28.0	27.3	28.0	28.2	27.3	2
3	26.9	26.0	24.0	23.3	22.8	21.8	21.5	20.5	19.9	20.3	21.3	20.8	20.4	21.6	21.2	21.0	20.9	22.2	20.2	20.0	20.7	19.9	17.9	16.9	2
4	16.0	16.9	17.0	16.6	15.5	15.0	13.5	14.8	14.8	15.7	15.9	16.0	18.0	18.7	22.0	22.4	22.9	22.5	23.6	22.5	22.5	24.3	24.2	25.9	1
5	27.9	28.5	29.0	28.0	28.2	27.3	27.1	29.0	30.3	31.8	32.2	33.2	34.6	34.2	35.0	35.5	33.4	31.6	31.0	29.4	29.1	28.4	27.0	28.0	3
6	29.1	26.9	27.1	25.9	25.9	26.4	25.0	24.0	24.2	25.0	22.8	24.9	29.0	25.9	28.5	28.8	26.9	27.0	29.0	24.2	27.4	26.8	27.3	26.4	2
7	26.5	27.4	27.8	28.8	28.9	29.7	29.4	31.3	32.3	32.7	34.2	35.5	36.3	36.8	37.2	36.4	36.4	35.9	36.4	36.6	36.5	36.7	36.4	36.0	3
8	35.4	36.0	35.2	34.8	33.7	33.1	32.6	33.3	33.9	34.3	34.7	38.0	37.3	35.7	36.3	35.8	33.9	33.8	31.2	30.1	30.8	32.8	32.3	32.9	3
9	34.1	35.1	35.9	36.5	36.6	36.8	37.4	37.1	37.3	39.1	39.0	40.2	41.1	41.5	41.5	39.7	39.1	37.7	38.2	39.0	38.0	37.5	36.9	35.8	3
10	35.4	35.1	34.7	34.4	33.1	32.0	31.6	30.3	31.8	30.0	31.8	30.7	30.7	32.0	32.1	31.0	30.2	29.3	28.9	27.9	27.3	26.9	25.9	25.7	3
11	24.8	24.4	25.1	25.7	26.5	27.5	28.2	29.2	29.9	30.7	31.0	30.7	31.9	32.6	33.0	32.2	31.0	31.2	30.4	30.1	29.2	24.8	25.7	24.8	2
12	24.3	23.4	24.3	27.0	26.7	26.2	26.5	27.8	29.9	30.1	30.0	31.4	31.9	33.1	32.3	32.6	33.2	34.3	35.2	35.9	36.4	36.9	37.2	37.3	3
13	37.3	37.8	37.0	37.7	37.2	37.9	38.8	38.9	39.7	39.8	39.9	41.1	40.9	40.5	40.8	40.0	40.2	40.2	40.8	41.3	41.1	40.9	41.2	41.3	3
14	41.3	41.8	42.4	43.1	43.5	43.2	43.2	43.0	43.7	43.8	44.2	44.7	44.9	44.9	44.9	44.7	44.5	44.9	45.0	44.9	45.5	45.8	45.7	45.7	4
15	44.9	45.1	44.9	44.9	44.9	44.9	44.9	45.0	44.9	44.9	45.3	46.0	46.1	45.4	44.7	43.2	41.9	41.0	41.0	42.1	42.6	42.5	43.0	42.7	4
16	42.0	42.1	42.2	42.4	42.4	42.8	43.2	43.5	43.5	42.8	43.7	44.1	44.5	44.4	44.4	46.2	45.1	44.9	45.0	46.0	45.0	46.2	44.2	43.9	4
17	44.1	44.8	44.1	43.9	43.9	43.5	43.9	44.2	44.1	44.5	45.6	46.0	46.7	45.9	45.1	44.1	42.7	41.9	41.7	41.0	41.9	41.7	40.1	39.8	4
18	38.3	38.9	38.8	36.8	35.7	37.5	37.2	37.4	35.8	34.7	36.4	39.2	38.8	40.2	40.3	39.3	38.3	37.3	37.0	37.0	36.9	37.8	36.4	36.0	3
19	35.9	35.9	34.8	34.3	35.2	35.2	35.4	34.5	34.5	34.3	35.8	35.0	36.2	36.1	36.6	37.0	36.9	36.7	36.3	35.8	36.1	34.9	33.4	33.0	3
20	31.6	31.4	31.6	31.2	31.7	31.8	31.9	31.3	31.9	31.8	31.4	32.4	33.2	34.1	32.9	31.5	34.2	32.9	34.8	35.5	34.7	35.2	35.0	34.8	3
21	34.3	34.2	34.1	33.9	34.0	33.7	33.7	33.9	34.3	34.0	34.4	34.1	35.2	35.8	36.7	34.9	37.1	37.5	37.9	39.5	40.2	42.3	44.7	44.7	3
22	44.0	42.9	41.6	40.9	40.7	39.3	37.9	38.9	38.4	39.2	40.7	41.8	42.7	42.7	42.7	42.9	43.0	43.1	43.9	44.5	45.5	44.9	45.4	45.9	4
23	47.2	47.3	48.2	48.7	48.9	48.2	46.5	48.8	48.3	48.7	47.9	49.0	48.3	48.2	47.5	46.9	47.1	46.9	47.0	46.2	46.8	45.5	45.0	44.6	4
24	43.8	43.8	42.8	43.8	43.1	43.5	40.1	40.0	38.9	41.0	40.2	40.2	39.2	41.5	41.8	41.0	40.1	41.0	41.0	41.3	41.7	41.7	41.9	40.9	4
25	40.9	40.9	39.2	40.2	39.2	37.9	39.1	38.0	38.9	39.3	39.8	41.0	41.5	41.9	40.5	38.7	37.2	36.7	37.8	34.9	38.0	37.8	37.2	37.7	3
26	38.2	38.9	38.9	38.7	38.2	38.6	38.3	38.7	38.9	38.8	38.8	40.2	40.5	39.6	39.0	38.8	37.5	36.9	38.1	38.0	38.0	38.1	38.4	37.9	3
27	36.9	36.6	37.3	37.8	38.3	38.6	38.7	40.0	39.9	41.1	43.2	44.0	43.9	44.0	47.2	47.5	47.5	47.9	47.8	48.2	49.1	49.8	50.3	50.3	4
28	51.8	49.7	46.3	44.2	44.0	44.3	43.7	43.0	43.5	43.9	44.8	44.8	44.2	43.8	44.0	49.0	51.6	51.7	48.5	44.5	45.3	43.7	43.9	42.9	4
29	42.8	43.7	41.8	42.2	41.3	41.0	41.2	40.4	38.9	41.0	41.9	42.3	42.1	42.0	42.7	41.3	41.0	38.9	39.9	37.9	37.8	35.3	36.9	35.7	4
30	39.6	39.5	38.7	37.0	37.9	36.9	38.3	38.7	35.9	40.3	40.7	40.1	38.0	38.0	36.4	36.5	34.5	35.3	35.8	36.0	35.7	34.7	34.6	35.7	3
31	35.4	35.8	36.7	35.4	37.0	36.0	36.2	36.5	35.0	35.2	35.8	35.8	36.7	36.9	37.3	40.0	47.5	48.4	47.6	47.5	47.5	47.5	48.2	49.0	4

‡ Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1878.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
715	29 705	29. 704	29 708	29·714	29·711	29. 716	29. 705	29.707	29. 704	29.709	29.727	1
671	.658	.667	.667	.673	.678	.695	.698	.706	.706	.711	29.685	2
684	.683	.675	.668	.664	.658	.658	.653	.652	.642	.626	29.690	3
519	.500	.491	.491	.479	.469	.455	.436	.408	.399	.395	29.529	4
284	.285	.298	.337	.355	.373	29.413	29.433	29.455	29.487	29.506	29.350	5
877	29.899	29.918	29.945	29.973	29.987	30. 015	30. 028	30 .049	30. 058	30.065	29.833	6
185	30.188	30.197	30.210	30.218	30.228	.239	.245	.252	.254	.254	30.177	7
283	.283	.282	.286	.278	.279	.276	.274	.266	.265	.256	30.279	8
119	.116	.116	.132	.140	.161	.186	.207	.227	.240	.258	30.171	9
308	.308	.310	.302	.308	.311	.314	.310	.314	.315	.308	30.304	10
302	.308	.312	.322	.331	.352	.350	.359	.364	.374	.390	30.320	11
431	.430	.437	.436	.453	.451	.457	.449	.456	.459	.445	30.425	12
332	.322	.293	.281	.271	.264	.247	.243	.215	.200	.180	30.342	13
020	.026	.034	.032	.045	.051	.055	.060	.072	.072	.077	30.068	14
142	.139	.160	.165	.169	.183	.182	.181	.181	.181	.180	30.140	15
073	.061	.064	.069	.077	.086	.090	.088	.093	.101	.114	30.111	16
305	.316	.340	.350	.353	.360	.380	.395	.405	.412	.414	30.284	17
425	.420	.424	.427	.429	.429	.433	.442	.436	.432	.426	30.424	18
439	.443	.437	.434	.437	.443	.435	.421	.410	.406	.401	30.435	19
222	30.217	30.206	30.195	30.197	30.189	30.164	30.156	30.135	30.132	30.117	30.258	20
879	29.842	29.813	29.789	29.783	29.747	29.739	29.724	29.707	29.724	29.747	29.898	21
151	30.145	30.151	30.148	30.135	30.133	30.132	30.131	30.141	30.162	30.171	30.054	22
170	30.155	30.132	30.119	30.101	30.077	30.053	.045	.028	.011	29.975	30.155	23
914	29.925	29.934	29.954	29.965	29.969	29.992	.027	.035	.058	30.086	29.917	24
259	30.254	30.252	30.251	30.248	30.254	30.252	.250	.238	30.228	30.214	30.223	25
063	30.057	30.062	30.056	30.070	30.048	30.058	30.040	30.013	29.988	29.964	30.090	26
583	29.517	29.468	29.421	29.374	29.320	29.295	29.270	29.250	.226	.196	29.595	27
289	.156	.040	28.960	28.976	28.993	.042	.112	.195	.236	.286	29.275	28
292	29.247	29.244	29.223	29.248	29.249	.285	.284	.310	.306	.314	29.307	29
891	28.916	28.958	28.998	.051	.087	.122	.171	.215	.233	.247	29.104	30
063	29.073	29.099	29.099	29.114	29.101	29.109	29.105	29.111	29.094	29.101	29.123	31

WET BULB THERMOMETER ..... 7 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
27.9	27.5	28.2	29.4	28.0	28.3	28.0	29.3	*	27.3	28.0	28.9	31.9	29.9	28.8	28.3	28.7	27.7	27.0	25.8	25.7	25.6	25.2	28.0	1
25.0	25.4	25.3	24.9	25.2	24.9	24.0	23.9	24.2	25.3	28.0	29.0	29.0	29.0	28.7	28.2	27.0	26.1	25.2	25.0	26.9	27.7	27.0	26 2	2
25.2	23.5	22.6	22.7	21.3	21.2	20.0	19.5	20.0	21.1	20.2	20.2	21.5	20.6	20.8	20.5	22.0	19.9	19.6	20.0	19.3	17.9	16.7	20.9	3
16.5	16.9	16.3	15.3	15.0	13.3	13.5	14.2	15.1	15.5	15.7	17.7	18.6	21.5	22.0	22.5	22.0	23.0	22.0	22.3	23.9	23.9	25.5	18.7	4
28 2	28.9	27.9	28.0	27.2	27.0	28.8	30.2	31.8	*	*	33.3	33.3	34.0	33.9	32.7	31.1	.....	*	.....	27.7	26.2	26.8	29.9	5
26.0	25.9	25.0	24.9	25.5	24.1	23.5	23.8	24.7	22.2	24.3	26.9	24.8	26.9	26.9	25.1	25.9	27.3	23.9	26.7	25.9	26.4	25.7	25.4	6
26 6	26.9	27.6	28.0	28.6	28.5	30.1	31.0	31.2	*	*	33 8	34 3	35.1	34.7	34.9	34 9	35.2	35.8	35.9	35.9	36 0	35.4	32.2	7
35.7	35.0	34.5	33.6	33.1	32.5	33 2	33.9	34.2	34.0	32.8	35.9	34.5	35.5	34.5	33.4	33 3	30.8	*	*	31.5	31.3	31.9	33.3	8
33.5	34.3	35.0	35.6	35.3	35.9	35.8	36.2	36.1	38.3	39.7	40.2	40.3	40.7	38.7	37.7	36 2	36.8	37.9	36.8	35.9	35.0	34.3	36 7	9
33.9	33.6	33.1	32.0	31.0	30.2	*	30.8	29.7	30.7	29.8	29.7	30.9	30.3	29.8	29.0	28.7	28.3	27.5	26.9	26.1	25.7	25.3	29.8	10
24.0	24.9	25.0	25.9	27.0	27.5	28.3	28.9	29.8	30.2	29 9	30.9	31.1	31.3	30.5	30.1	30.6	30.2	29.8	29.0	24.7	25 5	24.2	28.1	11
23 3	24.0	26.9	26.4	25.0	26.1	27.6	29.8	30.0	29.8	31.1	.....	.....	*	.....	.....	33.1	34.1	34.8	35.1	35.1	35.3	35.6	30. 3	12
36.0	35.6	36.2	35.9	36.2	37.1	37.2	37.7	37.9	37.8	38 9	40. 2	38.9	38.9	37. 9	38.0	38.1	38.8	39.8	39.9	39.8	40.5	40.6	38.1	13
41.0	41.4	42.1	42.5	42.1	42.1	42.1	42.8	43.0	43 3	43.6	43.8	44.0	44.2	44.2	44.0	44.4	44.5	44.5	44.9	45.0	44.9	44.9	43 3	14
44.3	44.2	44.3	44.3	44.1	44.2	44.2	44.2	44.0	44.4	44.8	44.7	44.0	43.2	42.1	40.9	39.9	39.9	40.9	41.3	41.3	41.8	41.2	43.0	15
40.3	40 5	40.8	40.9	40.7	40.9	41.1	41.1	40.8	41.3	41.9	42.6	42.5	42.9	43.0	42.3	42.0	43.1	43 0	42.8	42.8	42.6	42.0	41.8	16
42.5	42.5	42.5	42.4	42.0	42.2	42.8	42.6	42.7	43.8	44.2	44.8	44.1	43.6	43.0	42.0	41.2	41.1	40.7	41.2	41.0	39 8	38.5	42.2	17
38.2	37.8	36.4	34.7	36.6	36.1	36.6	34.9	34.0	35.7	37.9	37.5	38.8	38.8	37.9	37.0	36.2	35.9	35.7	36.0	36 6	35.2	34.9	36.6	18
34.8	33.9	33.7	34.7	34.8	35.0	34.0	33.8	33.8	34.8	34.3	35.2	35.2	35.6	36 0	35.9	35.8	35.9	35.0	35.2	34.0	32.9	32.5	34.7	19
31.3	31.3	*	*	31.2	31.2	30.7	31.2	31.0	30.8	31.5	*	*	32.0	*	*	32.2	33.0	33.8	33.4	33.9	33 9	33.8	32.0	20
33.1	33.1	32.8	32.8	32.3	32.5	32.5	32.8	32.6	*	34.0	34.3	34. 3	34.1	33.8	35.5	36.1	36.9	38 5	39.5	41.5	43.6	43 6	35.3	21
40.9	39.4	38. 9	38.4	37.2	36.4	36.6	36.7	37.9	38.7	39 6	40.3	40. 3	40.2	40.1	40.0	40 5	40.9	42.0	43.2	43.8	44.1	44.9	40.1	22
46.3	46.9	47.0	47.0	46.8	46.8	46.8	46.3	46.0	45.9	45.9	45 8	45.8	45.1	44.5	44.6	44.5	44.7	44.1	43.7	43 5	42.7	41.9	45.4	23
41.3	41.2	41.5	41.8	42.1	38.9	38.9	37.8	39.3	38.7	38.3	37.2	39.0	38. 7	38.2	37.4	38.4	38.2	38.8	39.2	39.2	39. 2	39.1	39. 3	24
38. 9	38.0	38.8	38.2	37.0	38.2	37.1	38.0	38.2	39.0	39.9	40.0	40.1	38.9	37.2	36.0	35.5	36.2	34.0	36.8	36 2	35.9	36 0	37.6	25
36.3	36.7	36.8	36.8	37.0	37.0	37.0	37.5	37.3	37.3	38.3	38.3	37.3	36.9	36.5	35.6	34.9	35.9	36.0	36.2	36.3	36.7	36.6	36. 7	26
34.9	35.2	36.0	36.4	37.0	37.2	38.4	38.3	39.9	41.3	43.0	42.5	42.2	46.0	46 0	46.3	46.3	46.9	47.3	48 0	48.7	49.5	49.4	42.2	27
47 3	43.5	41.3	41.2	41.2	40.7	40.8	40.3	40.9	42.7	42.6	41.8	42.3	43.3	47 9	50.1	48 6	43.2	42.2	41.3	40.9	40.7	40.3	43 2	28
40.8	39.8	40.2	39.1	38.9	39.1	39.0	37.8	38.9	39.8	39.9	40.0	39.8	39.7	38.1	38.2	37.4	37.6	35.5	36.1	34.5	34.9	34.6	38. 3	29
36.3	36.5	35.5	36.0	35.2	35.9	37.3	35.3	38.6	38.7	38. 8	37.0	37.0	35.3	35.2	33.9	34.3	34.3	34.5	34.3	33.7	32.8	33.9	35. 7	30
33.5	34.2	34.5	35.8	35.0	35.1	35.8	34.2	34.9	35.3	35.4	36.2	36.5	36.9	39.7	45.7	46.7	46.1	46.8	46 7	46 8	47.6	48.3	39.2	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT 55° 53' N LONG: 4° 18' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	D
1	29	11	31	11	31	12	31	11	31	14	31	9.5	32	8.5	32	4.5	32	10.5	30	6.5	30	6.5	27	6.5	27
2	27	3	27	4	27	4	27	4	27	3	27	4	27	4	27	3	27	4	27	3	27	3	27	5.5	4
3	5	4.5	6	3.5	6	2	5	4	5	4.5	5	4	6	2	5	3	6	2	5	2	5	4	6	2	5
4	6	2	6	2	6	2	6	2	6	2	5	2	5	1.5	6	2	6	2	5	1.5	5	3	6	2	5
5	3	4	7	4	8	4.5	8	2	8	2	8	3	8	3	8	4	8	4.5	14	4.5	14	3	15	5.5	23
6	29	4.5	29	4	4	4.5	5	4	5	3	5	2	5	3	5	3	5	3	5	3	5	3	5	3	5
7	5	2	5	3	5	3	5	3	5	3	5	2	5	2	6	2	5	2	5	4	4	3	4	2	4
8	29	3	29	3	29	3	29	4	29	2	29	2	29	2	29	4	29	4	29	4.5	29	3	29	4.5	29
9	18	4.5	18	10.5	18	5.5	20	10.5	19	7.5	19	8.5	19	12	18	10.5	18	12	20	18	19	17	19	13	19
10	7	4.5	7	4	7	6.5	7	8.5	7	8.5	7	8.5	7	5.5	7	4.5	7	3	7	3	7	2	7	2	7
11	7	3	7	2	7	4	7	3	7	4	7	4	7	3	7	3	7	4	7	1.5	7	2	7	3	7
12	7	4.5	7	2	7	4	7	1.5	7	3	7	2	7	2	7	2	7	2	7	1.5	7	3	7	4	7
13	18	6.5	18	8.5	18	8.5	18	7.5	18	6.5	18	9.5	18	7.5	18	8.5	18	10.5	18	10.5	18	10.5	19	11	19
14	18	12	18	15	19	17	20	22	21	19	21	11	20	10	20	20	19	21	19	14	*	...	...	...	...
15	20	11	22	7.5	21	4	22	2	22	3	21	4.5	21	7.5	20	4.5	20	6.5	19	7.5	20	14	21	13	20
16	18	6.5	18	6.5	16	8.5	16	8.5	16	6.5	16	6.5	18	7.5	19	7.5	18	11	17	6.5	16	6.5	17	8.5	18
17	21	4.5	21	5.5	25	4.5	22	6.5	22	4.5	21	5.5	19	4	24	5.5	20	7.5	19	9.5	20	15	19	15	19
18	19	1.5	19	3	19	3	19	2	19	2	19	3	19	3	19	4	19	3	19	6.5	20	3	20	2	20
19	20	3	20	4	20	2	20	2	20	3	20	4	20	3	20	3	20	2	20	2	20	2	20	1.5	20
20	7	5.5	6	10.5	7	12	7	12	7	11	6	11	6	10.5	7	12	7	10.5	7	9.5	5	11	5	6.5	5
21	16	4.5	14	3	14	3.5	14	4.5	14	4.5	15	6.5	16	4.5	14	4.5	14	4	14	11	15	5.5	13	4	15
22	21	19	21	17	21	16	21	15	23	13	20	12	21	22	21	22	19	13	20	15	20	24	20	27	19
23	19	32	19	32	19	28	18	20	18	20	17	18	18	17	19	16	17	11	16	15	17	10.5	19	23	19
24	17	26	17	24	17	23	18	27	18	29	25	21	23	17	19	13	20	13	21	20	22	21	21	19	21
25	22	16	20	13	23	4.5	23	4	21	6.5	16	4.5	20	8.5	22	5.5	22	4	20	3	21	5.5	19	8.5	16
26	9	4	13	6.5	13	9.5	13	8.5	14	14	14	13	15	10.5	14	13	14	12	14	8.5	14	12	14	15	14
27	13	21	15	17	14	18	15	15	15	23	15	20	15	22	16	35	15	28	15	24	16	28	15	29	15
28	19	40	22	36	23	31	22	23	19	19	21	22	20	22	20	21	19	21	20	17	17	16	18	17	17
29	21	25	21	22	21	25	20	24	21	26	21	21	19	24	23	22	21	19	20	20	20	24	21	25	19
30	22	29	21	24	21	22	19	22	19	20	16	13	11	15	14	22	14	17	19	16	19	20	20	16	21
31	22	19	20	15	19	16	19	14	18	13	16	10.5	13	9.5	11	9.5	6	9.5	5	12	5	12	4	8.5	4

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2																								
3																								
4																								
5	.....	Melted		Snow			all	10 a.m.	.075															
6																								
7																								
8																								.002
9	.003		.005								.001	.012	.007											
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																						.010	.017	
22	.001	.002					.002	.010	.005	.002												.010	.003	.005
23	.001	.001																						
24			.002		.017	.011					.001	.008	.001											
25					.001																			
26																								
27												.010	.001	.019	.110	.103	.157	.143	.123	.032	.004	.018	.018	.012
28	.028	.032		.009	.001									.022	.048	.040	.030	.001		.004	.002	.003	.003	.003
29	.004				.005			.087	.098									.022	.003	.008	.044	.013	.020	.020
30		.002	.002	.024				.001	.158	.003		.003	.047	.010	.014	.029	.050	.060	.027		.005	.007	.002	
31	.001					.004	.001	.010	.030	.023	.024	.045	.082	.008		.001		.001	.003	.002	.009	.042	.020	.002

*Record defective or Instrument out of action †Obtained from reading of Standard. • Approximate

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR.

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V		
6.5	32	5.5	27	4.5	27	5.5	29	6.5	27	4.5	27	4.5	27	3	27	4	27	3	27	4	
4.5	3	6.5	3	10.5	3	10.5	3	9.5	3	8.5	3	6.5	3	4.5	3	8.5	4	5.5	5	4.5	1
2	5	2	5	3	5	3	5	3	5	2	5	2	5	2	5	3	5	2	5	3	2
3	5	3	5	4	5	3	5	3	5	3	5	3	5	2	5	4	5	4	5	3	3
6.5	23	7.5	26	7.5	2	4	2	4	28	4	26	4	26	5.5	26	6.5	26	4.5	26	6.5	4
3	5	3	5	2	5	4.5	5	4	3	2	5	4.5	5	3	5	3	5	3	5	3	5
3	4	4.5	4	5.5	4	4	29	4	29	2	29	2	29	3	29	3	29	2	29	3	6
2	29	2	29	3	29	4	29	3	29	4	29	2	25	4.5	13	4.5	18	2	16	6.5	7
9.5	21	8.5	22	7.5	22	5.5	22	4	22	6.5	9	6.5	6	10.5	8	11	8	9.5	7	4.5	8
4.5	7	4	7	4.5	7	4	7	4	7	3	7	2	7	3	7	2	7	2	7	2	9
3	7	3	7	3	7	4.5	7	4	7	4	7	3	7	2	7	4	7	4.5	7	5.5	10
2	7	2	7	1.5	7	2	7	2	7	4.5	13	5.5	15	5.5	17	5.5	19	11	18	8.5	11
12	19	14	17	14	19	14	18	11	19	11	19	11	19	9.5	18	6.5	20	16	18	14	12
---	---	---	---	---	---	*	---	---	---	---	---	*	20	16	19	17	19	15	19	13	13
12	19	12	18	10.5	19	10.5	19	8.5	19	6.5	20	5.5	18	7.5	18	6.5	18	5.5	18	7.5	14
11	19	10.5	19	13	19	15	19	10.5	20	10.5	21	13	20	13	19	18	19	12	19	10.5	15
13	20	10.5	19	6.5	19	4	19	4.5	19	4	19	3	19	3	19	4	19	4	19	2	16
4	20	4.5	20	4.5	20	4.5	20	3	20	4	20	4.5	20	4	20	4	20	3	20	4	17
2	20	2	20	3	20	3	20	4	20	1.5	20	2	20	4.5	10	6.5	10	6.5	10	5.5	18
6.5	15	4	19	4.5	7	4.5	7	4	13	4	11	5.5	6	5.5	14	4.5	17	4	17	4.5	19
10.5	10	7.5	14	7.5	14	13	15	6.5	16	19	15	18	12	16	16	17	19	21	19	15	20
20	19	19	18	18	19	24	18	24	18	26	18	26	19	27	18	29	19	24	19	28	21
22	19	19	19	24	18	27	19	25	17	32	17	28	19	24	17	24	17	23	17	27	22
18	20	16	22	25	22	28	22	23	22	24	21	22	21	17	21	20	23	23	22	13	23
7.5	17	5.5	17	7.5	15	10.5	14	8.5	11	7.5	4	4	11	5.5	8	6.5	5	5.5	8	4.5	24
21	12	15	14	14	14	14	15	12	11	12	10	7.5	14	16	14	15	13	12	11	11	25
23	16	30	16	32	16	35	16	30	16	36	17	37	17	29	17	33	17	30	17	30	26
10.5	15	21	17	41	18	50	20	54	22	58	22	55	23	45	23	38	22	32	22	28	27
25	20	26	20	29	19	30	23	25	21	28	21	25	21	20	22	20	21	21	22	21	28
22	24	17	24	17	21	15	25	19	24	8.5	21	15	24	19	23	18	22	16	22	19	29
4.5	31	4	18	6.5	21	23	19	9.5	19	14	19	13	19	18	20	14	20	16	19	25	30
																					31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
·110	·107	·120	·137	·130	·137	·135	·148	*	·097	†·099	†·108	·147	·121	·114	·105	·107	·101	·098	·098	·102	·098	·096	1
·096	·099	·101	·110	·100	·092	·109	·117	·103	·099	·100	·110	·120	·117	·113	·109	·095	·088	·080	·085	·120	·140	·140	2
·114	·112	·102	·119	·100	·105	·093	·093	·099	·103	·091	·103	†·113	·094	·106	·099	·112	·098	·093	·087	·086	·098	·087	3
·080	·091	·082	·081	·084	·074	·052	·067	·071	·076	·080	·088	†·093	·101	·106	·109	·103	·109	·103	·114	·117	·120	·128	4
·148	·157	·150	·148	·146	·144	·154	·166	·180	*	*	·175	·180	·184	·178	·177	·169	.....	*	.....	·136	·121	·117	5
·117	·110	·111	·107	·115	·104	·112	·117	·125	·101	·114	·104	·105	·112	·107	·094	·112	·113	·120	·128	·117	·121	·121	6
·125	·125	·124	·132	·138	·138	·147	·154	·154	*	*	·169	·172	·182	·184	·187	·192	·193	·201	·204	·202	·205	·201	7
·206	·202	·196	·192	·189	·184	·186	·195	·194	·188	·184	·195	·187	·190	·186	·185	·184	·166	*	*	·160	·161	·167	8
·173	·181	·188	·196	·189	·194	·195	·201	·219	·224	·239	·238	·237	·245	·220	·211	·197	·202	·216	·204	·193	·183	·182	9
·181	·178	·173	·166	·167	·146	*	·156	·159	·154	·149	·147	·155	·142	·144	·137	·146	·141	·141	·137	·120	·134	·125	10
·117	·129	·115	·125	·135	·134	·136	·140	·149	·153	·151	·157	·153	·153	·151	·151	·161	·164	·160	·156	·131	·132	·113	11
·122	·120	·144	·132	·129	·131	·146	·164	·165	·162	·170	.....	.....	*	.....	.....	·174	·184	·190	·191	·185	·185	·188	12
·192	·193	·197	·196	·195	·203	·204	·205	·207	·204	·212	·240	·219	·215	·205	·205	·207	·213	·228	·232	·232	·244	·243	13
·247	·249	·256	·257	·255	·255	·257	·265	·267	·270	·270	·272	·276	·281	·284	·282	·286	·287	·288	·291	·289	·289	·289	14
·281	·281	·283	·283	·278	·281	·280	·281	·276	·282	·283	·279	·271	·261	·255	·244	·233	·233	·242	·245	·246	·251	·241	15
·230	·233	·237	·239	·230	·230	·231	·231	·232	·233	·241	·251	·250	·258	·251	·238	·234	·255	·253	·249	·247	·255	·243	16
·251	·254	·256	·253	·250	·249	·259	·256	·253	·266	·269	·275	·268	·265	·264	·259	·250	·251	·250	·250	·249	·242	·225	17
·223	·216	·210	·191	·207	·200	·208	·193	·188	·202	·214	·211	·220	·219	·213	·205	·201	·198	·195	·201	·203	·193	·191	18
·190	·184	·186	·196	·198	·197	·190	·186	·188	·191	·190	·195	·196	·197	·200	·199	·200	·206	·195	·196	·185	·179	·178	19
·175	·173	*	*	·165	·164	·163	·164	·160	·163	·165	*	*	·169	*	*	·173	·166	·176	·174	·180	·182	·182	20
·176	·177	·173	·172	·165	·170	·167	·169	·168	*	·195	·188	·182	·180	·181	·190	·197	·207	·223	·235	·253	·270	·270	21
·233	·218	·214	·207	·200	·198	·193	·199	·214	·213	·220	·224	·224	·222	·218	·215	·224	·223	·239	·253	·272	·273	·286	22
·302	·305	·301	·299	·302	·299	·296	·289	·279	·284	·274	·278	·279	·27	·265	·265	·265	·268	·265	·261	·260	·247	·235	23
·232	·240	·236	·250	·252	·223	·224	·215	·221	·218	·211	·201	·211	·204	·201	·195	·204	·201	·209	·213	·213	·212	·218	24
·214	·216	·220	·220	·209	·221	·210	·219	·219	·228	·233	·230	·228	·219	·206	·198	·195	·196	·185	·204	·196	·196	·193	25
·187	·195	·198	·202	·203	·205	·202	·210	·207	·207	·211	·208	·198	·197	·192	·188	·181	·187	·190	·194	·194	·199	·191	26
·184	·183	·192	·198	·203	·206	·215	·214	·232	·235	·265	·256	·248	·295	·292	·299	·293	·310	·315	·321	·330	·344	·341	27
·297	·251	·228	·228	·225	·221	·230	·216	·223	·249	·241	·236	·252	·272	·320	·343	·305	·225	·243	·218	·225	·219	·222	28
·223	·223	·227	·215	·213	·215	·222	·215	·213	·222	·220	·224	·221	·213	·197	·201	·208	·201	·183	·194	·191	·181	·189	29
·182	·193	·191	·191	·187	·185	·197	·200	·215	·213	·212	·208	·208	·194	·192	·188	·187	·182	·184	·183	·182	·165	·176	30
·168	·171	·190	·196	·193	·193	·198	·188	·200	·201	·203	·208	·211	·214	·241	·285	·298	·294	·311	·309	·311	·322	·330	31

Meteorological Office
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57° 10' N LONG 2° 6' W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	
1	29.813	29.811	29.813	29.803	29.803	29.796	29.789	29.780	29.772	29.793	29.809	29.805	29.
2	.796	.792	.785	.777	.769	.762	.760	.761	.773	.782	.788	.792	
3	.843	.843	.832	.827	.809	.798	.795	.785	.783	.773	.760	.748	
4	.681	.676	.662	.656	.656	.653	.651	.646	.635	.634	.617	.598	
5	.431	.422	.410	.400	.391	.375	.362	.356	.367	.376	.367	.362	
6	29.624	29.650	29.675	29.699	29.724	29.754	29.785	29.820	29.850	29.887	29.909	29.927	29
7	30.132	30.150	30.164	30.165	30.179	30.190	30.188	30.205	30.223	30.242	30.245	30.248	30
8	.360	.370	.371	.374	.379	.382	.382	.389	.391	.395	.387	.383	
9	.270	.245	.235	.217	.190	.171	.153	.145	.150	.148	.153	.173	
10	.375	.382	.394	.393	.394	.392	.399	.404	.407	.417	.420	.415	
11	.386	.383	.379	.365	.354	.350	.357	.358	.366	.373	.370	.372	
12	.450	.450	.451	.455	.457	.463	.479	.490	.499	.510	.517	.523	
13	.475	.473	.464	.446	.440	.430	.422	.414	.413	.401	*	.367	
14	.162	.147	.131	.116	.087	.082	.071	.067	.048	.042	.023	.012	
15	.066	.084	.090	.098	.112	.127	.136	.152	.166	.181	.185	.189	
16	.197	.192	.182	.172	.162	.157	.151	.144	.152	.155	.152	.122	
17	.179	.185	.211	.223	.242	.276	.291	.322	.337	.355	.358	.379	
18	.484	.489	.484	.483	.483	.489	.484	.499	.501	.503	.500	.492	
19	.478	.476	.474	.466	.470	.486	.485	.478	.486	.500	.499	.504	
20	.545	.537	.523	.509	.494	.489	.482	.477	.470	.459	.435	.421	
21	30.199	30.176	30.151	30.145	30.124	30.116	30.106	.090	.075	.061	.044	.022	
22	29.821	29.819	29.834	29.864	29.900	29.940	29.981	.014	.065	.112	.126	.154	
23	30.132	30.171	30.179	30.186	30.189	30.195	30.205	30.212	30.196	30.188	30.189	30.185	30
24	29.949	29.927	29.901	29.851	29.814	29.807	29.831	29.841	29.866	29.885	29.888	29.887	29
25	30.108	30.144	30.160	30.181	30.200	30.210	30.238	30.256	30.280	30.314	30.342	30.346	30
26	.319	.307	.297	30.278	30.258	30.243	30.237	30.228	30.231	30.220	30.215	30.204	30
27	30.069	30.039	30.007	29.982	29.967	29.956	29.925	29.885	29.872	29.849	29.807	29.784	29
28	29.179	29.183	29.205	.313	.383	.418	.465	.491	.513	.543	.564	.517	
29	.205	.259	.291	.306	.322	.334	.335	.345	.362	.370	.367	.352	29
30	.239	.239	.253	.277	.271	.268	.241	.233	.180	.131	.052	.020	28
31	29.236	29.264	29.279	29.276	29.273	29.275	29.265	29.260	29.232	29.224	29.210	29.187	29

DRY BULB THERMOMETER ... 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	30.4	29.0	29.0	28.4	30.0	26.4	27.7	29.6	30.9	32.0	33.7	32.6	31.0	28.7	28.6	25.9	25.6	34.3	35.5	33.2	31.7	29.6	26.4	27.0
2	26.0	24.7	24.9	24.0	24.0	23.7	27.0	32.7	30.3	34.9	34.3	33.5	30.9	29.6	28.9	27.7	31.7	27.8	24.7	23.4	22.0	21.7	21.3	20.4
3	18.5	17.9	16.4	15.1	17.0	16.4	19.0	21.5	23.1	25.0	26.9	27.3	29.0	29.4	29.3	30.0	28.2	29.9	29.1	28.9	28.1	26.2	24.5	23.7
4	23.0	23.0	22.5	21.0	20.1	20.4	19.6	16.6	16.5	20.0	26.0	26.5	27.5	27.5	27.6	28.5	28.1	27.8	28.8	30.0	31.6	32.0	30.5	30.6
5	31.6	30.2	27.3	26.0	25.0	26.8	27.7	28.9	30.0	30.5	31.0	32.2	32.8	34.1	31.5	28.8	30.0	29.6	29.0	28.5	29.9	30.0	30.0	30.0
6	28.7	28.5	28.9	29.5	28.6	28.9	28.0	28.3	27.4	29.3	30.5	30.4	31.3	30.7	28.7	27.0	25.4	25.3	25.2	24.9	28.1	28.9	27.8	25.0
7	29.1	26.4	26.0	26.6	28.3	31.4	34.6	31.7	32.0	33.1	35.2	34.4	34.3	34.5	33.7	32.8	31.1	31.6	32.1	31.7	30.6	29.3	29.3	27.7
8	26.0	24.0	25.6	24.4	25.0	22.2	24.3	21.9	24.7	26.0	29.2	33.1	35.5	35.1	35.6	33.6	33.0	32.4	32.8	30.0	31.6	31.6	30.6	31.6
9	31.7	34.0	32.7	32.5	34.1	35.0	34.8	36.7	36.1	36.3	40.6	39.5	38.4	39.0	37.5	35.9	35.9	35.5	35.0	34.7	33.2	33.1	31.7	31.1
10	32.5	31.7	30.7	30.0	29.8	29.0	30.0	29.9	28.0	29.4	29.2	30.5	32.5	30.6	30.1	28.5	27.3	26.7	26.3	25.2	23.7	23.2	21.7	22.3
11	21.8	23.0	22.5	21.6	25.0	28.4	26.4	26.0	27.7	31.8	35.5	37.1	38.0	37.8	38.3	38.1	37.9	38.4	38.1	38.0	38.1	38.2	36.0	37.3
12	38.0	36.7	36.6	36.2	37.0	37.1	36.2	35.4	35.3	35.6	35.8	36.2	36.2	35.7	33.7	33.0	31.7	30.7	30.1	29.5	28.4	29.4	29.4	27.9
13	30.3	30.0	27.7	28.4	28.7	31.3	33.0	33.8	33.8	34.0	*	38.3	38.2	40.6	39.4	39.8	39.6	39.0	38.2	38.0	36.8	36.1	38.4	39.8
14	38.9	37.9	39.2	38.0	38.3	38.4	38.8	39.0	39.3	40.2	40.9	41.0	41.9	45.5	46.0	45.6	46.1	46.3	46.3	46.1	47.3	46.7	47.8	47.2
15	47.1	47.2	46.5	43.5	42.7	44.1	41.4	40.9	41.0	41.8	43.0	44.8	45.5	46.7	45.7	44.3	42.0	40.5	40.2	39.0	38.6	37.6	38.1	37.3
16	36.2	34.0	35.0	36.4	38.6	37.3	39.7	40.4	41.1	41.0	42.3	42.8	43.1	43.2	42.8	43.3	43.7	43.7	44.2	44.3	44.1	43.7	42.7	41.6
17	41.4	41.1	41.6	41.8	41.4	43.0	42.0	41.4	41.3	42.0	42.8	43.4	42.7	41.8	41.7	42.0	41.0	40.4	41.0	40.7	41.2	38.9	38.0	36.0
18	36.5	32.3	32.2	32.7	31.7	30.8	33.7	33.2	34.8	34.7	36.3	38.3	38.7	38.5	38.2	39.3	39.6	38.3	38.3	36.3	33.9	33.3	32.8	33.8
19	33.5	32.4	32.8	33.1	33.0	32.7	32.5	33.0	32.4	32.1	33.1	33.6	33.8	33.9	33.4	32.3	30.5	30.3	30.0	27.9	27.4	28.0	26.4	26.7
20	31.1	33.5	33.5	34.5	34.6	34.8	34.2	34.6	36.0	36.2	37.7	38.2	38.0	38.0	37.6	37.7	38.2	38.7	38.4	38.2	38.1	36.6	35.0	33.7
21	32.5	32.7	32.1	32.0	31.6	31.5	31.8	33.3	33.3	33.0	33.2	33.6	33.5	33.1	33.1	32.9	33.0	34.2	34.8	36.2	37.3	37.8	39.0	39.4
22	40.0	39.8	40.1	42.6	40.6	38.3	37.1	37.1	37.3	37.9	39.0	39.1	38.5	38.0	38.2	39.4	39.7	39.8	40.1	43.0	42.4	42.8	43.7	44.1
23	45.0	45.7	46.6	47.1	47.0	45.6	46.3	47.3	47.4	50.0	50.1	50.0	51.7	51.7	48.1	46.7	46.5	46.6	46.6	46.0	45.4	46.5	46.4	45.9
24	45.4	44.6	44.1	43.7	43.6	44.0	44.3	41.1	40.0	39.4	40.8	42.1	42.1	41.2	40.8	40.0	39.9	38.6	38.7	37.4	38.3	39.0	38.7	39.0
25	37.8	37.8	38.6	38.0	39.4	38.5	37.8	38.4	38.4	38.0	38.1	37.4	38.8	38.9	38.7	37.3	37.0	34.4	34.8	33.9	36.0	35.0	35.3	34.9
26	33.4	33.5	34.6	34.8	36.2	35.1	36.0	36.6	36.4	36.3	36.7	36.3	37.5	37.8	38.4	37.8	38.0	37.4	36.4	35.7	35.6	34.4	35.4	36.6
27	36.7	37.6	36.9	36.8	37.0	37.3	38.4	39.1	39.4	40.0	41.1	41.0	41.3	41.4	42.0	43.0	43.1	42.5	42.4	42.8	43.0	44.7	46.1	46.8
28	46.7	51.2	50.5	47.4	44.2	42.6	42.2	41.9	41.9	41.0	41.3	42.0	41.6	41.7	42.1	42.9	42.2	43.4	49.6	47.3	47.8	46.6	45.1	43.2
29	41.6	41.1	40.7	39.7	40.5	40.0	37.6	38.4	38.1	38.4	39.4	40.0	41.6	41.4	40.4	40.0	39.0	37.9	38.3	37.5	37.7	38.8	38.2	38.8
30	38.2	38.0	38.1	37.0	37.0	37.6	34.7	35.3	36.8	36.9	38.9	36.6	38.2	38.7	37.5	36.6	37.6	37.1	37.9	38.5	38.0	38.3	37.7	37.5
31	36.8	35.7	34.9	34.4	33.2	32.6	34.2	34.4	35.4	35.7	36.0	37.5	38.5	38.3	38.0	37.7	37.7	36.0	35.6	37.7	39.6	40.9	39.6	39.5

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1878.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
800	29.800	29.809	29.812	29.808	29.815	29.822	29.820	29.815	29.815	29.810	29.805	1
795	.795	.810	.822	.828	.838	.839	.844	.848	.842	.841	29.801	2
726	.720	.703	.700	.701	.706	.706	.696	.701	.698	.690	29.754	3
549	.537	.529	.527	.516	.506	.492	.482	.472	.458	.443	29.577	4
359	.370	29.390	29.414	29.432	29.457	29.485	29.519	29.540	29.570	29.600	29.421	5
957	29.985	30.000	30.019	30.035	30.058	30.078	30.087	30.102	30.119	30.131	29.909	6
250	30.260	.276	.295	.307	.319	.330	.337	.342	.350	.354	30.260	7
366	.360	.350	.345	.345	.337	.326	.312	.304	.297	.285	30.357	8
184	.205	.240	.265	.304	.315	.330	.340	.359	.367	.364	30.238	9
410	.404	.404	.406	.400	.402	.400	.397	.387	.396	.389	30.400	10
366	.374	.380	.386	.400	.406	.414	.420	.426	.446	.448	30.385	11
506	.504	.509	.509	.508	.516	.510	.509	.504	.498	.484	30.492	12
329	30.307	.291	.276	.271	.267	.259	.241	.218	.196	.182	30.346	13
997	29.996	.007	.002	.002	.003	.014	.019	.029	.050	.053	30.048	14
185	30.185	.197	.218	.217	.219	.224	.222	.221	.215	.217	30.170	15
076	.076	.056	.064	.067	.091	.090	.129	.151	.131	.166	30.130	16
389	.413	.427	.435	.441	.448	.468	.474	.474	.479	.480	30.361	17
479	.475	.467	.466	.484	.485	.486	.491	.489	.485	.475	30.486	18
510	.522	.535	.544	.554	.557	.564	.559	.565	.541	.540	30.512	19
384	30.361	30.338	30.310	30.302	30.289	30.271	30.246	30.238	30.224	30.214	30.392	20
981	29.964	29.935	29.934	29.894	29.900	29.878	29.846	29.849	29.827	29.820	30.006	21
169	30.162	30.168	30.149	30.140	30.119	30.102	30.118	30.120	30.131	30.132	30.055	22
156	30.139	30.125	30.101	30.108	30.095	30.080	.062	.023	.018	.008	30.137	23
895	29.918	29.924	29.928	29.947	29.971	29.988	.009	.023	.051	.088	29.920	24
345	30.346	30.345	30.339	30.346	30.348	30.351	.357	.359	.342	.327	30.289	25
193	30.201	30.186	30.179	30.152	30.167	30.163	30.147	30.139	30.124	30.112	30.209	26
717	29.654	29.688	29.533	29.485	29.412	29.378	29.328	29.295	29.252	29.225	29.698	27
447	.393	.268	.140	28.993	28.878	28.763	28.695	28.848	.022	.128	29.243	28
306	29.296	29.280	29.256	29.248	29.214	29.210	29.211	29.220	.221	.231	29.286	29
953	28.945	28.957	28.964	28.992	.034	.042	.094	.116	.156	.192	29.118	30
153	29.135	29.164	29.172	29.169	29.177	29.172	29.171	29.180	29.172	29.194	29.209	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
28.0	27.6	26.5	28.0	24.9	26.3	28.4	30.0	30.9	*	*	29.1	27.2	27.2	25.0	24.8	*	*	29.4	28.3	27.0	24.5	25.0	28.1	1
23.1	23.3	22.6	22.7	22.5	25.4	21.7	30.1	32.6	29.7	29.6	26.7	26.0	26.5	25.4	29.7	25.8	23.1	21.9	20.9	20.5	20.4	19.3	25.1	2
16.9	15.4	14.1	15.9	15.0	17.6	19.0	21.0	22.8	23.5	24.3	25.2	26.0	26.0	26.9	25.6	27.0	27.7	26.7	26.4	24.5	23.0	22.4	22.1	3
21.5	21.1	19.7	18.8	19.0	18.0	15.5	15.2	18.0	21.3	21.7	22.9	23.6	24.0	25.2	25.2	25.2	27.1	28.2	29.5	30.5	29.7	29.4	23.0	4
29.3	26.7	25.0	24.2	25.7	26.3	27.4	28.5	29.5	30.4	31.4	.....	*	.....	27.7	29.1	28.8	28.8	27.7	29.2	29.2	29.1	29.0	28.7	5
27.7	28.1	28.5	27.8	28.0	27.0	27.1	26.2	27.4	27.8	27.7	28.5	28.0	26.6	25.0	23.4	23.2	23.0	23.0	25.8	26.4	25.9	23.7	26.4	6
25.0	24.7	25.1	26.9	29.5	31.8	30.0	30.4	30.6	....	....	*	.....	.....	30.3	29.2	29.5	30.0	29.7	28.8	27.9	27.8	26.4	29.3	7
23.4	24.7	23.6	24.0	21.4	23.6	20.6	23.6	24.9	27.2	30.1	.....	.....	*	*	.....	.....	30.7	28.7	29.9	29.8	28.7	29.4	27.5	8
31.2	30.2	30.4	31.6	*	*	34.2	34.4	34.8	37.9	36.0	36.8	37.0	35.6	35.2	34.7	34.0	33.4	32.4	31.9	31.2	*	28.7	33.2	9
29.4	28.2	27.7	27.7	27.2	27.3	27.0	25.8	27.0	26.6	27.6	28.9	27.8	27.4	26.0	25.0	24.6	24.2	23.6	22.2	21.7	20.7	20.9	26.0	10
21.2	20.8	20.4	23.4	26.7	25.3	24.6	26.1	29.9	*	33.9	35.0	35.1	35.4	35.4	35.3	35.4	35.3	35.4	35.3	35.3	33.9	34.8	30.3	11
34.5	34.5	34.4	34.7	34.9	33.9	33.4	33.1	33.5	33.4	34.0	33.8	33.6	31.8	31.4	*	*	29.0	28.4	27.4	28.0	28.0	26.8	32.0	12
28.8	26.7	27.4	27.4	29.8	30.9	.....	*	.....	36.3	36.2	37.8	37.2	37.0	37.1	36.8	36.5	36.3	35.3	35.0	36.7	37.9	33.6	13
36.6	37.5	36.9	37.4	37.6	37.8	38.0	38.2	38.7	39.2	39.5	40.1	43.2	43.4	43.0	43.5	43.7	43.8	43.7	44.3	44.0	44.7	44.3	40.7	14
44.5	44.0	42.0	41.1	42.0	39.8	39.3	39.2	39.6	40.7	42.4	43.2	43.8	43.1	42.0	40.3	39.0	38.7	38.0	37.5	36.6	36.8	36.0	40.6	15
33.0	34.0	35.2	37.0	36.1	37.7	38.0	36.9	39.0	39.7	40.0	40.4	40.4	40.4	40.6	40.9	41.1	40.7	40.1	40.3	40.4	39.9	39.3	38.7	16
36.9	39.3	39.5	39.4	40.3	40.1	40.1	40.0	40.6	41.4	42.0	41.5	40.6	40.6	40.8	40.0	39.6	40.0	39.5	40.4	38.5	37.6	35.0	39.8	17
31.9	31.7	32.1	31.0	30.1	33.1	32.4	33.7	33.7	35.3	36.7	37.0	36.7	36.3	36.5	36.1	35.5	35.2	34.1	32.3	32.0	31.2	31.9	33.8	18
31.0	31.4	31.4	31.4	31.2	31.1	31.4	31.0	30.6	31.1	31.8	31.7	31.6	31.1	30.4	28.8	28.8	28.4	26.5	26.8	26.8	27.0	25.7	29.9	19
.....	*	.....	33.7	33.7	33.3	33.6	35.0	35.6	36.9	37.2	37.0	37.3	36.6	36.4	36.6	36.6	36.4	36.3	36.1	34.7	33.4	32.1	34.9	20
31.0	*	*	30.5	30.3	30.6	31.8	*	.....	.....	.....	*	*	.....	.....	.....	.....	.....	.....	35.9	36.6	37.5	38.2	33.0	21
38.4	38.5	39.1	36.9	35.2	34.4	33.9	34.0	33.7	34.7	35.4	35.8	35.7	35.9	37.2	37.4	37.3	37.6	40.1	39.8	40.4	41.3	42.2	37.2	22
44.0	44.7	44.8	45.0	43.9	43.5	44.0	44.2	44.9	44.9	44.7	45.4	45.1	44.0	43.5	43.3	43.4	43.3	42.8	42.8	43.3	43.2	43.0	44.0	23
41.7	41.1	40.7	40.7	41.2	41.6	39.0	38.2	36.9	36.8	38.3	37.9	36.9	36.3	35.6	35.8	35.0	35.3	34.8	34.8	35.1	34.9	34.9	37.8	24
34.1	34.5	34.4	35.4	34.7	34.3	34.4	34.8	34.6	35.2	35.0	36.1	36.3	35.7	35.0	34.7	32.8	33.3	32.5	34.4	33.9	34.1	33.8	34.5	25
32.5	33.2	33.7	34.6	33.7	34.2	34.6	34.2	34.0	34.4	34.3	35.5	35.9	36.5	36.0	35.9	35.6	34.7	34.1	33.7	32.7	33.1	34.3	34.3	26
35.0	34.8	34.9	35.0	35.0	36.1	37.0	37.3	38.0	39.4	39.4	39.4	39.8	40.8	41.5	41.9	41.4	41.6	42.0	42.1	43.4	46.0	45.9	39.2	27
49.0	46.7	42.0	39.9	38.2	37.1	37.0	36.9	36.8	37.6	38.8	38.9	39.2	40.3	40.0	41.4	42.7	46.3	42.0	42.0	43.5	44.5	42.8	41.2	28
37.6	36.7	35.7	36.0	36.2	35.3	35.4	35.3	35.7	36.3	36.9	37.8	37.7	37.3	36.7	36.2	35.8	35.7	35.0	34.7	35.1	35.1	34.6	36.2	29
34.6	34.4	33.3	33.4	33.4	31.8	32.9	34.6	35.0	37.0	35.8	36.8	37.2	35.7	35.3	35.4	34.9	34.8	34.4	34.0	34.5	34.0	33.5	34.6	30
31.7	31.4	30.7	30.0	30.0	31.3	31.8	33.8	34.1	34.4	35.8	37.1	37.2	37.1	37.0	37.0	35.2	34.7	36.2	37.7	38.8	38.1	38.5	34.6	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57° 10' N LONG: 2° 6' W.

WIND

DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	28	16	28	17	27	14	28	19	29	15	28	14	28	14	27	18	27	14	30	13	6	12	1	8.5	29
2	29	13	29	16	28	17	28	17	28	19	27	18	28	14	5	18	32	15	6	30	5	34	4	20	32
3	27	4	27	5.5	27	9.5	27	4.5	27	4.5	26	4.5	22	5.5	22	12	22	15	21	18	21	18	21	12	23
4	24	5.5	24	5.5	24	6.5	24	4.5	24	6.5	24	4.5	24	5.5	24	6.5	24	4.5	24	5.5	23	9.5	22	8.5	21
5	24	6.5	24	4.5	24	4	24	5.5	24	3	24	4.5	24	4	24	5.5	24	4	24	4	24	6.5	24	4.5	24
6	28	12	28	14	27	15	27	14	27	14	27	14	27	15	27	14	27	12	27	11	27	8.5	27	7.5	27
7	27	9.5	27	3	27	6.5	27	4.5	27	4.5	27	11	26	15	26	12	26	14	26	12	26	14	26	11	26
8	26	5.5	26	5.5	26	6.5	26	6.5	26	5.5	26	9.5	26	6.5	26	5.5	26	6.5	26	4	26	8.5	23	9.5	22
9	19	4	19	6.5	19	9.5	19	5.5	19	9.5	18	9.5	18	10.5	18	12	18	10.5	18	4.5	23	15	25	16	26
10	28	10.5	28	10.5	27	13	27	12	27	12	27	12	27	14	27	12	27	4	27	6.5	22	9.5	22	6.5	22
11	22	4.5	22	8.5	23	4.5	23	7.5	23	10.5	23	12	23	6.5	23	6.5	23	12	24	11	24	12	24	7.5	24
12	24	7.5	24	5.5	24	4	24	4	24	4	24	4.5	24	4.5	24	5.5	24	4.5	24	4	24	5.5	24	4	24
13	24	6.5	24	4.5	24	4.5	24	4.5	24	4	24	4	24	4	24	6.5	24	4.5	24	4.5	24	4	24	4	23
14	18	11	18	13	18	16	18	15	18	16	18	14	18	13	18	14	18	13	18	13	17	11	16	6.5	17
15	21	4.5	22	5.5	20	6.5	23	4.5	18	7.5	19	7.5	19	8.5	19	9.5	19	11	19	7.5	19	7.5	18	5.5	19
16	18	4.5	18	4.5	18	7.5	18	6.5	19	8.5	19	4.5	19	7.5	20	16	19	11	18	17	18	15	18	12	18
17	18	13	18	11	19	14	20	7.5	20	4	25	6.5	25	3	25	4	25	5.5	25	4	25	3	25	3	25
18	25	4	25	4.5	25	4.5	25	4	25	4	25	6.5	19	5.5	19	5.5	19	6.5	18	5.5	18	7.5	18	7.5	18
19	18	4.5	18	5.5	16	11	17	14	16	15	18	15	17	11	17	10.5	17	6.5	17	5.5	17	4.5	17	4	17
20	24	7.5	20	7.5	20	4.5	19	5.5	17	8.5	16	9.5	16	8.5	17	8.5	17	10.5	17	7.5	16	13	14	18	14
21	15	11	16	12	15	15	16	14	16	11	16	13	17	7.5	20	6.5	16	9.5	16	10.5	17	15	16	14	18
22	18	14	16	10.5	18	12	23	13	21	15	20	13	21	16	20	15	21	17	20	13	19	20	19	14	16
23	18	22	18	20	17	12	14	14	14	17	14	10.5	12	5.5	16	8.5	14	15	18	6.5	28	4.5	22	6.5	7
24	18	19	18	18	19	15	20	14	19	17	18	22	21	19	24	6.5	24	6.5	20	8.5	20	13	18	18	20
25	20	9.5	18	14	21	18	21	16	21	18	22	14	21	11	22	16	26	7.5	22	11	24	4	20	6.5	23
26	22	6.5	18	7.5	18	6.5	17	6.5	16	10.5	16	5.5	16	10.5	16	10.5	16	9.5	16	13	16	14	16	14	17
27	16	14	16	18	16	20	15	26	15	21	16	23	16	16	15	25	14	23	15	23	16	33	15	25	15
28	15	24	18	26	22	25	22	27	22	19	22	18	21	21	23	14	20	18	21	13	18	7.5	16	8.5	14
29	22	23	22	21	22	18	21	14	20	18	20	17	20	19	20	18	20	12	21	14	20	14	19	15	20
30	21	23	20	24	21	24	20	20	21	20	20	17	14	9.5	16	12	15	11	14	14	14	24	14	20	18
31	22	13	22	16	22	14	20	14	20	11	16	10.5	18	7.5	19	13	18	13	17	12	16	11	17	9.5	16

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 48 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	---	Melted Snow =					.275																	
2	---	Melted Snow =					.190																	
3	---	Melted Snow =					.040												.010					
4																								
5	---	Melted Snow =					.020					.035												
6																								
7	---	Melted Ice =					.010																	
8																								
9																.040	.020							
10																								
11																								
12																								
13																								
14																								
15																								
16										DEW .010														
17																								
18																								
19									DEW .010															
20														.005	.005									
21																								
22																								
23																								
24								.040																
25																								
26																								
27																		.020	.070	.090	.040	.020	.010	
28	.010																	.050	.040	.020				
29																								
30											.030	.120	.020											
31																.005	.015							

*Record defective or instrument out of action. †Obtained from reading of Standard. • Approximate

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR

1		2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
10.5		27	11	27	13	27	12	6	25	6	22	2	12	1	13	36	11	29	14	29	13			
11		31	10.5	5	14	5	12	4	9.5	29	12	29	10.5	29	7.5	29	5.5	29	9.5	27	6.5			1
4.5		23	6.5	23	13	24	10.5	24	16	25	16	25	9.5	24	8.6	24	4.5	24	4.5	24	4.5			2
12		21	14	21	10.5	21	10.5	21	10.5	21	4.5	21	7.5	21	4.5	23	8.5	24	6.5	24	9.5			3
12		25	7.5	25	7.5	25	9.5	25	12	25	11	25	14	26	12	26	12	26	12	28	14			4
																								5
10.5		27	4.5	27	5.5	27	4	27	4	27	4.5	27	4	27	7.5	27	11	27	4.5	27	7.5			6
13		26	8.5	26	7.5	26	5.5	26	10.5	26	12	26	12	26	9.5	26	5.5	26	3	26	4.5			7
9.5		21	9.5	19	9.5	19	8.5	19	4	19	7.5	19	7.5	19	7.5	19	4.5	19	4.5	19	5.5			8
14		27	20	28	11	30	10.5	29	12	29	11	29	13	28	10.5	28	10.5	28	9.5	28	11			9
5.5		22	4	22	6.5	22	7.5	22	6.5	22	7.5	22	6.5	22	5.5	22	5.5	22	4.5	22	4.5			10
8.5		24	7.5	24	9.5	24	8.5	24	10.5	24	10.5	24	11	24	9.5	24	4.5	24	8.5	24	5.5			11
3		24	5.5	24	7.5	24	6.5	24	5.5	24	4.5	24	4.5	24	4.5	24	4.5	24	3	24	6.5			12
4		23	4.5	21	12	20	12	20	8.5	20	4.5	19	8.5	17	5.5	14	6.5	16	4.5	21	8.5			13
7.5		22	14	21	20	21	21	21	26	21	24	20	27	21	19	21	12	21	8.5	22	8.5			14
8.5		19	6.5	21	4.5	16	4.5	16	4.5	19	6.5	19	8.5	17	5.5	18	9.5	22	6.5	18	5.5			15
19		20	17	18	21	18	21	19	22	18	18	19	19	21	11	20	6.5	16	9.5	16	14			16
3		25	3	25	3	26	4.5	25	4	25	4	25	4.5	25	4.5	25	4.5	25	5.5	25	7.5			17
7.5		18	6.5	19	19	18	15	18	9.5	18	6.5	17	7.5	17	6.5	17	5.5	17	6.5	17	10.5			18
7.5		24	4.5	24	5.5	24	5.5	24	6.5	24	5.5	24	4.5	24	4.5	24	4.5	24	4.5	24	6.5			19
15		14	17	14	17	14	18	16	14	15	13	15	15	14	19	17	10.5	18	8.5	17	12			20
11		17	12	17	13	17	8.5	17	12	19	14	18	10.5	16	16	15	11	16	19	16	16			21
11		18	15	18	18	15	15	16	15	16	20	18	27	18	23	18	28	18	29	19	26			22
9.5		20	20	18	21	18	24	18	26	19	26	20	21	19	23	17	32	18	19	18	16			23
19		22	16	21	19	21	17	20	14	20	15	20	13	20	14	21	20	20	17	20	11			24
3		21	6.5	21	6.5	23	5.5	18	6.5	18	7.5	17	6.5	19	10.5	17	5.5	17	7.5	17	9.5			25
13		16	13	16	12	17	11	15	22	18	13	16	11	17	16	16	15	16	11	18	11			26
27		15	30	15	37	15	40	16	39	16	37	16	28	15	23	16	23	16	26	16	20			27
16		16	16	14	22	14	31	14	28	18	39	18	47	19	57	23	58	23	40	22	35			28
21		19	14	20	16	18	16	20	11	19	12	20	18	20	13	20	14	20	18	21	21			29
8.5		18	10.5	19	11	22	11	23	13	24	16	24	19	24	14	22	18	24	16	22	17			30
6.5		18	7.5	19	7.5	19	5.5	18	5.5	18	4	19	14	18	14	18	12	15	9.5	17	7.5			31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
130	120	104	116	097	111	132	150	155	*	*	129	116	117	110	112	*	*	119	108	100	088	089	1
083	084	084	086	089	099	165	164	159	117	120	087	082	079	089	134	076	083	078	081	079	085	074	2
067	062	058	061	054	060	048	062	070	062	072	072	083	084	094	087	097	122	102	106	091	084	085	3
076	077	070	066	065	070	060	056	051	039	041	050	059	064	076	079	083	111	121	132	147	151	141	4
145	130	107	107	112	111	118	128	146	158	165	---	*	---	127	143	143	139	134	147	145	143	140	5
134	135	137	134	132	122	120	113	112	108	107	115	110	102	089	078	075	071	076	092	095	098	092	6
100	099	099	115	134	153	140	145	148	---	*	*	*	---	137	130	132	136	134	128	124	121	113	7
108	109	105	100	092	103	074	098	104	109	131	---	---	*	*	---	---	144	133	139	137	126	136	8
142	135	141	148	*	*	171	181	186	199	213	200	199	188	198	189	180	172	157	163	150	*	120	9
129	114	110	113	111	102	097	093	102	096	104	114	107	103	092	085	086	082	084	080	077	084	075	10
068	069	078	084	109	099	097	105	137	*	162	173	177	177	179	179	176	177	180	177	176	173	176	11
177	178	180	177	179	171	169	164	170	166	173	170	170	156	155	*	*	139	134	127	124	124	119	12
136	122	127	121	141	145	---	*	*	---	192	192	198	199	191	195	195	197	195	189	192	190	207	13
202	207	206	213	216	216	218	219	218	220	226	228	253	252	248	254	256	257	258	257	257	259	255	14
262	259	250	239	243	227	222	219	220	228	243	263	253	249	241	231	221	218	218	213	205	203	197	15
176	184	193	203	199	205	203	212	215	217	217	224	221	225	223	225	229	216	205	210	216	216	217	16
212	216	218	219	221	227	233	232	237	244	251	248	239	240	241	235	234	235	235	242	229	220	193	17
176	172	174	162	153	182	173	180	182	195	200	202	199	193	187	178	179	173	174	163	164	153	156	18
153	157	154	155	134	155	155	153	148	148	157	153	150	146	143	129	131	126	112	131	117	116	114	19
---	*	---	183	180	180	181	193	202	210	210	208	214	205	200	199	196	193	193	191	181	172	161	20
150	*	*	153	150	152	160	---	---	---	---	---	*	*	*	*	---	---	---	---	195	203	209	218	21
217	216	203	182	173	171	162	163	154	160	170	183	185	186	199	199	196	199	217	217	225	233	247	22
268	273	270	275	267	251	250	253	243	242	239	238	232	242	247	245	245	243	240	245	245	244	245	23
231	225	221	222	228	233	214	211	193	179	194	187	177	171	166	170	168	172	175	167	166	165	163	24
161	160	163	167	164	164	160	166	167	175	178	185	187	179	179	177	168	172	167	182	182	183	181	25
172	173	180	184	177	179	179	175	172	175	177	187	190	195	192	188	189	184	180	173	166	164	174	26
177	180	182	182	179	188	198	201	207	222	223	220	227	234	245	252	248	254	257	257	266	286	299	27
320	275	241	201	188	174	175	174	177	188	204	208	213	230	216	252	266	276	212	208	248	286	262	28
189	178	170	168	175	182	176	177	181	182	187	190	189	190	184	185	188	182	178	171	168	173	160	29
167	162	154	155	151	147	160	177	183	200	201	202	206	190	192	184	179	171	159	157	163	159	154	30
140	140	132	128	133	143	150	167	180	182	142	206	209	210	212	212	197	192	197	206	212	213	223	31

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N LONG 5° 4' W

BAROMETER.

	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.710	29.710	29.712	29.700	29.676	29.674	29.670	29.674	29.677	29.680	29.676	29.657	29.64
2	.647	.646	.646	.632	.636	.626	.626	.626	.627	.630	.624	.615	.5
3	.529	.511	.503	.496	.481	.466	.459	.465	.446	.443	.436	.408	.3
4	.180	.176	.166	.162	.172	.172	.180	.176	.186	.204	.210	.207	.2
5	.491	.506	.522	.536	.554	.562	.570	.586	.600	.612	.612	.588	.5
6	29.578	29.595	29.608	29.611	29.628	29.650	29.675	29.714	29.736	29.772	29.799	29.809	29.8
7	30.087	30.109	30.129	30.139	30.143	30.167	30.187	30.213	30.237	30.261	30.265	30.270	30.2
8	.325	.328	.324	.322	.320	.320	.322	.328	.334	.350	.357	.344	.3
9	.354	.345	.350	.342	.337	.332	.331	.351	.344	.357	.346	.338	.3
0	.290	.286	.278	.278	.280	.275	.280	.290	.290	.300	.298	.291	.2
1	.293	.291	.287	.287	.288	.291	.291	.303	.311	.323	.331	.329	.3
2	.401	.399	.395	.395	.395	.399	.413	.424	.441	.459	.464	.459	.4
3	.504	.501	.509	.507	.504	.501	.511	.519	.525	.582	.532	.512	.5
4	.432	.424	.410	.383	.380	.380	.382	.374	.368	.365	.362	.354	.3
5	.306	.298	.298	.285	.284	.284	.284	.292	.296	.294	.294	.285	.2
6	.194	.182	.174	.166	.165	.164	.170	.172	.178	.192	.193	.189	.18
7	.260	.263	.273	.278	.287	.305	.308	.325	.335	.359	.368	.362	.35
8	.394	.384	.382	.371	.362	.360	.366	.364	.362	.365	.357	.336	.32
9	.323	.329	.327	.331	.336	.341	.337	.339	.339	.351	.350	.336	.3
0	.165	.150	.132	.110	.114	.124	.126	.140	.148	.152	.155	.148	.13
1	.074	.062	.054	.036	.032	.038	.034	.040	.040	.044	.047	.048	.0
2	.052	.070	.110	.136	.162	.212	.245	.292	.330	.370	.404	.415	.4
3	.551	.547	.547	.533	.523	.519	.513	.511	.517	.517	.511	.481	.4
4	.249	.227	.227	.217	.217	.209	.207	.219	.227	.243	.250	.242	.2
5	.285	.286	.284	.278	.280	.282	.290	.300	.305	.313	.325	.318	.2
6	.203	.193	.177	.167	.136	.135	.125	.131	.143	.157	.157	.137	.1
7	30.141	30.113	30.119	30.109	30.101	30.103	30.097	30.093	30.107	30.091	30.082	30.052	30.0
8	29.912	29.890	29.900	29.884	29.885	29.885	29.894	29.901	29.910	29.927	29.916	29.896	29.8
9	.878	.882	.885	.870	.862	.852	.845	.832	.830	.824	.836	.810	.7
0	.933	.892	.875	.816	.772	.726	.698	.652	.634	.595	.590	.594	.5
1	29.792	29.774	29.765	29.744	29.724	29.722	29.704	29.685	29.670	29.670	29.678	29.672	29.6

DRY BULB THERMOMETER

11 FEET ABOVE GROUND.

	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEA
1	33.7	34.2	32.4	33.0	32.3	32.6	33.4	34.2	32.6	34.0	36.4	37.4	36.7	36.5	35.7	34.7	33.9	33.5	33.0	31.9	33.0	31.8	31.6	29.5	33.
2	29.6	30.5	30.5	30.0	29.0	29.5	30.7	30.4	33.9	36.9	36.2	34.5	34.9	34.9	35.9	37.6	37.7	37.7	37.8	38.0	38.3	38.4	37.4	37.1	34
3	37.2	36.5	37.0	36.5	36.4	36.5	35.8	35.6	36.3	36.2	36.4	35.7	36.3	36.3	36.7	36.7	37.1	37.3	37.9	38.5	39.0	38.9	39.6	39.5	37
4	39.0	37.5	36.2	34.6	32.7	33.3	32.7	33.0	33.6	32.5	34.3	33.0	32.9	32.5	32.7	32.3	31.7	31.2	31.1	30.5	29.7	28.7	28.3	28.0	32
5	29.7	29.7	31.0	30.6	29.1	29.5	30.7	31.3	33.7	35.1	39.0	38.9	39.3	40.6	37.0	37.5	36.6	37.4	38.0	38.0	39.3	39.5	40.5	41.1	35
6	41.5	41.3	40.6	41.0	41.9	41.2	41.3	41.4	40.6	41.0	41.7	42.4	41.9	41.2	40.1	39.4	39.0	39.6	40.7	41.4	41.7	42.0	40.4	41.3	41.
7	41.4	41.4	41.3	40.8	40.0	39.6	39.2	39.9	39.7	40.1	40.5	40.7	40.9	41.0	40.4	39.6	39.0	38.8	38.4	38.7	38.5	38.9	39.4	39.5	39.
8	39.1	39.5	39.6	39.5	40.0	40.3	40.9	41.9	42.3	42.8	42.2	42.5	43.4	43.9	43.4	43.3	43.3	42.5	42.4	41.7	42.1	41.7	42.0	42.4	41.
9	42.4	42.4	42.6	42.6	42.3	42.3	42.3	42.3	42.5	42.7	43.3	43.7	44.1	44.2	43.9	42.3	41.7	41.6	41.0	40.9	40.5	40.3	39.0	38.9	42
0	38.8	38.3	37.1	37.3	37.5	37.6	36.0	35.9	36.4	38.7	40.0	43.2	43.7	43.6	42.7	41.2	40.8	40.0	39.0	39.3	38.6	38.7	38.7	34.7	39.
1	40.6	42.0	42.2	41.5	40.9	41.0	41.1	39.9	38.3	39.4	44.0	43.7	43.3	43.8	42.5	41.4	40.9	40.9	40.7	40.7	40.5	40.5	40.0	39.9	41.
2	39.6	39.4	39.4	39.0	39.2	38.8	38.7	38.1	38.2	38.2	41.4	41.7	42.3	41.9	41.4	40.6	40.2	40.2	40.2	40.2	40.4	40.6	41.0	41.0	40.
3	41.2	41.2	40.9	40.9	40.6	40.4	39.7	39.7	39.9	41.5	42.6	43.4	43.5	43.5	42.8	42.1	41.4	41.5	40.6	40.9	41.4	40.9	40.9	40.6	41.
4	40.6	41.4	40.8	40.7	40.9	41.5	41.3	41.4	41.8	42.7	44.0	44.6	45.5	45.2	45.1	44.9	45.0	44.7	44.8	44.6	44.6	44.5	44.6	44.8	43.
5	45.0	44.5	44.7	44.5	44.6	45.0	45.6	44.8	45.4	45.5	45.5	45.9	45.9	46.0	45.5	45.4	45.4	44.7	44.9	44.8	44.6	44.0	44.1	44.4	43.9	45.
6	44.5	44.5	45.4	45.4	44.8	45.7	46.0	46.4	46.5	46.5	46.6	46.1	45.3	44.5	43.2	42.3	41.6	41.2	41.4	41.6	41.8	42.2	41.9	39.2	43
7	39.4	39.4	38.5	37.0	35.0	35.4	35.6	35.9	36.9	37.4	39.1	40.5	43.4	44.0	43.0	42.0	41.0	39.8	39.2	38.7	37.5	37.2	38.0	37.9	38
8	38.0	37.3	37.0	35.9	36.6	35.0	34.3	35.0	36.1	37.0	39.7	41.8	42.9	43.2	40.4	39.3	39.9	40.3	41.0	41.5	41.6	41.7	41.9	42.0	39.
9	42.2	42.0	41.2	40.1	39.0	37.8	37.6	35.1	34.2	34.1	34.6	37.3	37.9	38.0	38.7	38.7	37.0	36.4	37.0	39.6	41.4	40.0	40.3	41.0	38.
0	42.0	42.3	42.9	43.5	43.3	42.3	42.2	41.6	41.6	41.5	42.0	42.4	42.9	42.9	42.7	42.7	42.9	43.4	43.7	43.9	44.0	44.0	44.3	44.2	42.
1	44.2	44.5	44.3	44.4	43.0	43.7	45.0	46.5	47.4	48.5	49.4	49.6	50.5	50.8	50.0	49.4	49.0	48.4	48.8	48.9	48.7	48.9	49.2	47.2	47.
2	46.3	44.5	44.5	45.2	44.8	44.5	43.4	42.0	42.1	43.4	45.8	46.4	46.6	46.2	46.0	44.7	43.0	42.7	41.1	40.8	39.6	39.7	38.7	37.4	43.
3	37.3	38.2	37.5	36.5	36.2	36.0	38.1	36.5	37.7	37.3	40.9	44.3	45.7	45.7	45.6	45.5	45.4	45.8	45.3	44.3	43.5	43.4	43.0	42.6	41.
4	41.2	40.6	39.7	39.7	40.5	41.6	41.3	41.8	43.8	45.0	46.5	46.9	47.0	47.1	47.1	46.4	46.0	46.3	44.9	45.5	44.8	45.5	45.4	45.4	44
5	45.2	45.2	45.3	45.2	45.1	45.2	45.3	45.5	45.5	46.2	46.9	46.9	46.0	45.6	45.1	44.6	44.4	44.4	44.8	44.6	44.7	44.1	43.7	43.5	45
6	43.8	43.3	43.0	42.7	42.6	42.7	42.9	43.2	44.0	44.0	44.7	44.5	43.7	43.9	43.7	43.3	43.4	43.6	43.7	43.7	44.1	44.5	44.9	45.7	43.
7	45.9	45.3	45.6	46.2	46.2	46.4	46.7	47.0	47.6	47.7	48.1	48.2	48.7	49.2	49.4	49.4	50.0	50.3	50.7	51.0	51.0	50.9	51.6	51.9	48.
8	52.2	52.1	52.2	52.1	52.2	52.1	52.0	52.0	52.2	52.2	52.3	52.3	52.4	52.3	52.3	52.1	52.0	52.3	52.0	52.0	51.9	51.8	51.7	51.1	52.
9	49.7	49.4	48.3	47.5	48.6	47.4	48.7	48.2	49.7	50.0	51.0	50.9	49.5	46.6	46.3	43.9	44.5	44.4	43.3	42.7	42.7	41.8	40.9	42.3	46.
0	44.3	44.1	44.7	45.1	45.6	46.7	46.0	43.0	46.7	44.5	46.0	45.7	46.4	45.0	43.3	43.3	41.2	42.7	41.3	41.7	43.3	43.2	43.9	43.8	44.
1	45.3	46.7	47.7	48.4	48.7	49.2	49.3	49.4	49.7	50.0	50.7	50.4	50.8	50.9	51.1	51.0	51.1	51.3	50.9	51.0	50.7	51.0	51.3	51.4	49.

§ Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1879.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
644	29.637	29.638	29.640	29.647	29.652	29.646	29.642	29.652	29.656	29.660	29.665	1
581	.573	.571	.566	.569	.563	.559	.547	.545	.541	.537	29.597	2
360	.318	.294	.284	.280	.260	.240	.224	.220	.196	.177	29.370	3
214	.227	.250	.280	.304	.322	.354	.376	.410	.438	.464	29.252	4
536	.540	.538	.535	.552	.562	.572	29.572	29.578	29.572	29.578	29.560	5
843	29.867	29.901	29.919	29.945	29.971	29.999	30.019	30.041	30.064	30.075	29.819	6
260	30.270	30.284	30.295	30.305	30.312	30.320	.324	.334	.330	.332	30.243	7
324	.322	.324	.330	.338	.346	.342	.347	.350	.357	.366	30.336	8
310	.310	.298	.302	.304	.300	.304	.308	.302	.306	.298	30.325	9
271	.271	.269	.273	.281	.286	.297	.298	.299	.301	.303	30.286	10
323	.331	.337	.345	.351	.361	.373	.383	.391	.401	.401	30.331	11
441	.449	.447	.454	.471	.477	.489	.493	.499	.501	.509	30.447	12
486	.482	.488	.488	.472	.472	.466	.444	.438	.444	.434	30.491	13
326	.322	.320	.320	.320	.312	.312	.310	.310	.312	.314	30.351	14
255	.253	.252	.255	.252	.244	.246	.224	.222	.216	.208	30.267	15
188	.187	.187	.199	.205	.215	.220	.223	.236	.249	.261	30.196	16
350	.350	.352	.357	.372	.382	.398	.406	.407	.412	.408	30.345	17
307	.309	.311	.319	.323	.329	.336	.337	.339	.328	.327	30.345	18
298	.285	.268	.268	.248	.238	.238	.222	.218	.216	.190	30.293	19
129	.122	.122	.114	.112	.110	.096	.100	.096	.092	.077	30.124	20
028	.018	.018	.018	.018	.015	.014	.015	.016	.012	.020	30.032	21
443	.457	.481	.504	.519	.524	.535	.554	.561	.563	.554	30.372	22
433	.411	.393	.368	.345	.337	.321	.309	.303	.295	.273	30.438	23
216	.216	.226	.234	.242	.254	.256	.262	.272	.272	.288	30.238	24
281	.273	.269	.269	.265	.259	.237	.249	.246	.231	.221	30.278	25
129	30.129	30.131	30.135	30.129	30.131	30.145	30.145	30.149	30.146	30.137	30.146	26
020	29.995	29.972	29.984	29.970	29.957	29.934	29.934	29.908	29.908	29.915	30.031	27
864	.855	.840	.835	.830	.838	.834	.836	.832	.848	.864	29.873	28
802	.795	.805	.844	.877	.902	.922	.935	.944	.956	.950	29.864	29
607	.628	.652	.694	.716	.735	.754	.774	.785	.798	.802	29.721	30
653	29.654	29.668	29.678	29.687	29.700	29.706	29.714	29.717	29.722	29.734	29.704	31

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
32.0	*	30.4		*		32.3	31.7	*	32.7	33.3	33.1	33.2	32.2	31.4		*		29.4	29.9	29.3	29.0	27.8	31.0	1
29.0	28.8	28.5	27.7	27.9	29.2	28.9	31.4	*	34.5	33.6	34.0	33.6	34.5	34.3	33.8	33.5		*		†34.6	34.0	33.5	32.1	2
		*				†31.6	32.6	32.2	32.3	31.3	32.2	32.5	33.0	33.0	33.6	33.4	33.4	33.4	34.1	33.4	33.7	33.5	32.9	3
34.8	33.6	32.4	*	30.0	29.5	†28.4	*	28.5	*	28.9	29.4	*	28.8			*			26.5	26.3	26.4	26.5	‡29.2	4
		*	*				29.0	30.8	*	33.8	34.7	36.1	36.0	36.3	35.4	36.0	36.0	36.1	36.8	37.4	38.6	39.0	†32.6	5
39.9			*			†39.2	38.7	39.2	40.0	40.4	40.3	38.9	37.6	36.9	36.3	36.5	36.7	37.4	37.6	38.7	38.0	37.4	38.6	6
37.2	37.0	36.8	35.6	35.3	35.0	34.3	35.0	35.2	35.1	35.0	35.0	34.7	34.7	35.0	35.3	35.4	36.0	36.0	36.3	36.5	37.1	37.3	35.8	7
37.4	37.6	37.4	37.7	38.4	38.7	39.1	39.4	40.3	40.5	41.4	41.7	42.1	42.2	42.2	42.4	41.7	41.5	40.9	39.9	39.9	40.0	39.7	40.0	8
39.5	39.6	39.5	39.2	39.0	38.9	39.0	39.0	38.9	39.4	39.7	39.8	40.0	40.3	39.4	39.0	38.3	37.8	37.5	37.4	36.9	36.2	35.7	38.7	9
34.8	33.9	34.0	34.4	35.0	33.6	33.3	34.1	36.1	36.9	38.3	39.2	38.8	38.6	38.0	37.7	37.3	36.3	36.3	36.8	36.4	36.6	37.3	36.2	10
40.4	40.3	39.3	38.8	39.3	39.4	38.5	37.0	38.0	40.4	40.0	38.9	38.6	38.0	36.2	35.4	35.6	35.5	35.6	36.0	36.0	36.1	36.3	37.9	11
35.8	36.0	35.8	35.8	35.4	35.4	35.2	35.0	36.5	36.5	36.9	36.9	36.5	36.6	36.4	35.5	35.7	36.4	36.4	36.5	36.8	37.4	37.1	36.2	12
37.2	36.6	36.6	36.5	36.5	36.5	36.7	36.7	37.7	38.7	39.3	39.6	39.5	39.7	39.1	39.0	39.3	38.7	38.9	39.4	39.0	39.0	38.6	38.2	13
38.4	39.1	38.3	38.4	38.9	39.1	39.2	40.2	40.8	41.6	42.4	43.0	42.9	42.8	42.4	42.4	42.1	42.1	42.1	42.0	42.0	42.3	42.3	41.0	14
42.1	42.4	42.0	42.2	42.3	42.6	42.5	42.7	42.5	43.0	43.4	43.5	43.4	43.2	42.5	42.4	42.3	42.5	42.5	42.4	42.5	42.9	42.5	42.6	15
42.7	43.9	44.3	43.8	44.5	44.3	43.2	42.9	42.8	43.3	42.7	41.1	40.5	38.9	37.3	37.7	38.2	38.6	38.3	38.7	38.8	38.7	36.6	41.6	16
36.9	35.0	35.2	33.6	34.3	34.6	35.0	36.0	36.5	38.1	39.2	41.5	41.6	41.3	40.5	39.6	38.2	36.9	35.7	35.2	35.1	36.0	36.8	37.1	17
35.5	34.9	33.9	34.1	33.0	32.7	33.1	34.6	34.5	36.9	38.5	39.4	40.5	38.8	37.6	37.6	38.1	38.5	39.0	39.3	39.7	40.1	40.3	36.9	18
40.1	39.7	38.7	37.6	36.5	36.3	34.2	33.7	33.7	34.1	35.5	35.9	35.9	36.6	36.8	35.4	34.5	34.9	36.5	37.9	37.4	38.0	38.9	36.6	19
39.9	40.6	40.7	40.4	38.8	39.0	38.1	38.5	38.3	38.7	39.2	39.6	39.5	39.3	39.3	39.9	40.4	40.5	40.9	41.4	41.5	41.4	41.6	39.9	20
42.2	42.3	42.4	43.3	42.5	44.0	45.6	46.4	47.2	47.5	47.9	48.3	47.8	47.9	47.5	47.5	47.0	47.5	47.1	46.9	46.9	47.0	45.8	45.8	21
42.9	43.4	42.6	42.0	41.8	40.9	39.7	39.7	40.5	41.8	42.5	42.7	41.9	41.5	41.1	40.3	40.3	39.8	38.9	37.7	37.5	36.8	36.4	40.7	22
36.5	36.6	35.8	35.4	35.2	37.5	36.1	37.0	36.6	39.5	41.8	42.5	42.5	42.5	42.3	42.4	43.1	42.9	41.8	41.3	41.2	41.0	40.7	39.5	23
39.2	38.3	38.5	39.0	39.9	39.4	40.0	41.4	42.3	43.3	43.4	43.6	43.8	44.0	43.8	43.7	44.2	43.4	44.0	43.6	44.4	44.5	44.6	42.2	24
44.5	44.5	44.4	44.3	44.3	44.3	44.3	44.4	44.0	44.2	44.2	43.7	42.8	42.0	41.4	41.3	41.5	41.6	41.4	41.6	41.0	41.3	40.8	43.0	25
40.8	40.5	40.5	40.4	40.5	40.8	40.7	41.0	40.8	41.6	41.3	41.0	40.9	41.2	41.0	41.0	41.5	41.7	42.1	42.5	42.7	43.5	44.3	41.4	26
44.0	44.0	44.9	44.6	44.9	45.3	45.8	46.4	46.3	46.5	46.5	46.9	47.3	47.0	46.8	47.6	48.2	48.8	49.3	49.6	49.9	50.6	50.9	46.9	27
51.3	51.4	51.4	51.4	51.5	51.4	51.4	51.7	51.7	52.0	52.0	52.1	52.0	52.1	51.7	51.6	51.7	51.7	51.7	51.6	51.6	51.5	50.4	51.6	28
48.4	47.3	46.5	47.9	46.6	47.4	46.8	48.7	48.7	48.6	48.9	46.8	42.8	43.7	41.9	41.3	40.0	39.4	39.4	39.7	38.5	38.3	39.0	44.4	29
40.6	41.0	41.7	43.4	44.3	45.0	41.6	43.0	42.0	43.4	42.9	42.3	41.4	40.5	40.6	39.4	40.1	39.4	39.4	40.7	40.7	41.5	42.1	41.6	30
44.8	46.2	46.7	47.4	47.7	48.1	48.1	48.7	49.4	49.7	49.8	49.8	49.6	49.6	49.5	49.7	49.8	50.1	50.2	50.3	50.4	50.5	50.5	48.7	31

Meteorological Office,
116, Victoria Street, Westminster. S. W
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT 50° 9'N. LONG. 5° 4'W.

WIND

DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

DYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1							*	*							29	21	28	8.6	28	8.5	31	14	32	10.5	32	11
2	27	7.5	32	5.6	31	9.5	31	7.5	30	9.5	32	8.5	32	8.5	32	6.5	32	12	8	20	12	18	12	25	11	2
3	11	21	11	21	11	20	11	22	11	23	11	25	10	27	10	30	10	32	8	33	9	38	9	39	8	3
4	6	48	6	47	6	50	5	47	5	44	5	43	4	45	5	51	4	51	4	47	4	49	2	38	2	4
5	33	9.5	30	12	30	12	30	8.5	30	4.5	23	5.5	23	7.5	24	12	24	15	24	13	22	12	22	13	22	1
6	25	21	26	16	26	11	27	14	28	12	28	9.5	28	9.5	28	11	31	7.5	31	5.5	32	9.5	1	4.5	1	8
7	13	18	13	18	13	19	14	18	14	23	14	20	14	20	14	18	15	15	15	19	15	26	15	20	15	2
8	17	3	18	7.5	19	8.5	19	4.5	19	7.5	22	11	22	9.5	23	11	23	11	28	6.5	28	6.5	28	6.5	26	1
9	10	13	11	10.5	11	11	10	14	11	12	11	14	12	13	11	11	11	11	12	11	14	13	15	8.5	13	9
10	18	8.5	18	9.5	18	10.5	18	7.5	18	4	18	3	27	4	27	4	25	4.5	22	3	22	5.5	19	4.5	17	8
11	3	9.5	7	14	7	17	7	16	8	13	7	15	6	14	5	10.5	31	7.5	31	7.5	13	23	12	24	12	1
12	13	14	13	12	13	12	14	11	12	12	12	10.5	11	9.5	10	8.5	9	6.5	7	8.5	11	14	10	11	11	10
13	13	9.5	13	10.5	12	10.5	13	11	14	12	15	8.5	16	8.5	16	6.5	18	6.5	15	6.5	12	7.5	14	8.5	14	8
14	23	4.5	23	4.5	23	2	19	9.5	19	5.5	19	4	19	3	19	3	19	2	19	4	19	6.5	19	3	19	
15	24	5.5	22	6.5	23	4	23	5.5	22	4.5	22	3	22	3	22	4.5	25	3	22	4	22	4	22	3	22	
16	27	4	1	4.5	7	10.5	6	12	2	9.5	11	16	13	16	12	17	11	17	12	16	11	18	11	20	11	1
17	18	4	18	3	18	4	23	4.5	30	7.5	30	7.5	30	6.5	30	6.5	30	6.5	31	4.5	31	4.5	31	3	3	
18	2	6.5	32	6.5	32	7.5	31	7.5	31	7.5	28	8.5	30	12	31	18	31	22	32	18	32	18	1	17	2	1
19	7	16	7	16	6	16	6	18	6	15	4	8.5	4	7.5	31	6.5	30	6.5	29	6.5	29	5.5	7	13	8	1
20	7	33	8	32	8	38	9	40	10	38	11	34	11	31	12	29	10	27	11	24	10	30	11	24	11	2
21	13	13	13	12	14	14	12	14	13	16	14	18	13	13	15	14	16	18	17	23	16	22	16	22	17	2
22	26	20	29	15	26	6.5	26	18	27	14	27	14	27	16	27	13	27	14	27	14	28	11	28	12	28	1
23	28	2	28	2	28	4.5	28	4.5	28	3	28	4	6	6.5	6	3	6	4	9	1.5	12	4.5	14	10.5	14	
24	17	11	18	9.5	21	7.5	21	6.5	20	5.5	20	4.5	18	5.5	18	5.5	19	8.5	18	7.5	18	12	20	14	21	1
25	19	9.5	19	9.5	19	7.5	19	10.5	17	5.5	20	4.5	17	6.5	17	7.5	17	7.5	14	10.5	13	13	13	18	14	2
26	10	23	10	23	10	24	10	27	10	31	10	30	11	31	12	28	13	26	14	20	14	16	15	18	15	1
27	16	19	15	20	15	21	15	22	16	22	16	21	16	20	16	20	16	22	16	28	16	35	16	32	16	3
28	18	36	18	36	18	35	19	37	19	35	19	35	19	33	19	33	19	32	19	30	19	30	19	32	19	3
29	22	16	22	13	21	12	21	14	20	14	20	16	20	18	19	20	20	22	20	27	21	33	22	24	22	2
30	21	28	20	31	20	33	20	33	19	38	19	36	18	36	21	30	20	42	22	40	23	46	24	42	24	3
31	23	22	21	27	21	28	21	32	21	35	22	32	21	32	21	36	21	40	22	42	22	48	22	40	22	4

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 167 FEET }

DYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1		Melted Snow = .250																						
2											.005	.045	.075	.050	.025	.010	.005		.005			.005		
3																								
4																								
5															.070	.015							.005	.005
6	.005		.005		.005	.005	.010	.005															.010	.020
7																								
8								.005		.005	.005	.015	.025	.005	.020		.020	.015						
9																								
10													.005			.005					.010			
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								.010
22	.040	.080		.030																				
23																								
24																								
25																								
26																								
27																						.030		.020
28		.020	.015	.030	.015	.070	.055	.045	.055	.080	.045	.025		.010	.005	.010	.005		.030	.015	.020	.065	.025	
29						.005		.005	.005				.050	.070	.040	.005	.005					.005	.040	
30		.006				.050	.060		.100	.100	.010	.005	.030	.015	.040	.080			.030	.040				.015
31				.035	.030	.025	.030	.050	.065	.030	.010	.020	.020	.010	.010	.010	.010		.005	.005	.005	.005	.005	.005

*Record defective or Instrument out of action. †Obtained from reading of Standard. ‡Approximate

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
32	9.5	29	15	28	12	31	9.5	32	11	32	14	1	18	1	13	1	8.5	27	6.5	1
12	18	12	20	12	22	12	18	13	18	11	19	11	19	12	22	12	23	12	21	2
7	38	8	40	7	45	7	45	8	48	8	51	8	47	8	48	8	47	8	49	3
2	36	1	37	32	28	32	29	32	31	32	32	32	33	32	27	32	17	32	9.5	4
23	28	23	17	22	13	25	11	25	12	25	10.5	26	13	26	13	25	15	25	17	5
8	13	8	11	8	14	8	15	9	15	9	17	9	15	9	14	13	17	13	17	6
16	20	16	16	17	9.5	17	7.5	17	6.5	17	4.5	17	4	17	2	17	3	17	4	7
26	9.5	26	7.5	29	5.5	29	6.5	29	4.5	29	4	4	6.5	7	9.5	9	13	9	11	8
16	10.5	16	10.5	18	10.5	17	9.5	18	11	18	9.5	18	8.5	18	9.5	18	7.5	18	9.5	9
17	3	17	2	17	3	17	4.5	17	4	17	3	17	3	17	4.5	17	4.5	3.2	7.5	10
12	15	11	15	12	14	12	15	12	15	12	13	12	13	12	12	13	13	13	13	11
12	11	11	11	10	12	11	12	11	12	11	11	12	12	12	10.5	12	12	13	7.5	12
14	3	14	4.5	32	4	32	2	32	4	32	4	32	2	32	3	32	3	32	3	13
19	4.5	19	5.5	19	4	19	5.5	19	6.5	19	5.5	19	7.5	19	6.5	22	6.5	23	7.5	14
26	4.5	27	9.5	27	12	27	8.5	28	8.5	28	5.5	27	9.5	27	7.5	27	4.5	27	6.5	15
10	15	9	15	10	17	10	17	10	16	12	17	12	16	13	12	16	7.5	18	6.5	16
5	2	5	4	31	9.5	31	8.5	31	9.5	32	6.5	32	5.5	1	5.5	4	4.5	2	5.5	17
6	23	7	22	6	21	7	23	7	25	7	22	7	21	8	20	8	16	7	17	18
6	8.5	2	7.5	1	8.5	31	8.5	30	6.5	8	14	8	23	8	27	8	29	7	33	19
11	20	11	18	12	18	12	18	12	20	11	22	13	18	16	14	14	13	12	14	20
16	17	16	20	16	21	17	17	17	21	17	18	17	18	17	19	17	18	25	17	21
27	7.5	27	4	27	3	27	2	27	3	27	4	27	3	27	2	27	3	28	2	22
14	10.5	13	13	12	13	13	14	13	14	14	15	14	13	13	13	14	11	16	10.5	23
20	11	19	8.5	20	7.5	21	7.5	22	4.5	22	7.5	17	9.5	19	7.5	19	6.5	19	7.5	24
13	23	12	21	11	19	11	20	11	24	11	24	10	24	10	24	10	21	10	22	25
14	10.5	13	14	13	12	14	15	13	16	15	14	15	16	14	13	14	16	15	18	26
16	32	17	35	17	32	17	29	17	33	18	34	18	35	18	36	18	42	18	41	27
17	37	19	38	19	38	19	39	20	41	20	38	20	38	20	36	22	31	23	23	28
22	28	24	35	24	34	24	34	24	35	24	26	24	23	23	18	23	20	22	20	29
24	37	25	38	26	33	25	25	25	25	24	27	24	23	23	20	23	20	23	18	30
22	37	23	38	23	37	22	36	21	36	22	37	21	37	22	35	22	37	22	38†	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
154	*	137	...	*	...	160	167	*	150	157	154	157	147	141	...	*	...	127	128	126	122	119	1
134	129	128	123	121	135	133	147	*	182	182	185	177	185	165	156	152	...	*	...	165	162	156	2
...	*	*	*	...	...	†138	149	143	144	134	113	148	152	152	158	153	149	145	151	142	141	139	3
175	166	158	*	128	124	†104	*	104	*	112	121	*	112	...	...	*	...	...	090	096	103	110	4
...	...	*	*	...	...	...	110	129	*	147	158	169	200	201	194	196	190	192	192	202	213	214	5
230	...	...	*	...	...	†217	214	219	226	229	232	211	199	193	186	185	178	184	186	202	203	185	6
181	178	179	166	164	162	155	158	158	155	157	150	146	149	159	169	173	186	184	191	191	197	200	7
202	204	202	202	212	211	210	211	223	233	248	245	247	256	256	260	255	252	247	222	226	219	216	8
212	212	210	208	204	202	204	202	198	201	203	201	203	212	211	209	198	194	190	192	184	185	177	9
167	162	163	165	177	168	164	173	186	187	184	194	189	194	196	194	194	186	183	199	191	195	197	10
229	229	217	212	221	222	218	205	214	213	208	192	188	186	165	156	159	159	159	168	168	174	178	11
174	177	173	176	173	174	175	171	180	170	175	171	168	172	174	163	166	177	177	177	181	187	182	12
182	178	175	176	177	184	187	185	189	196	198	203	202	212	208	212	217	214	214	219	216	216	212	13
205	219	205	205	209	215	216	231	233	236	245	249	249	248	242	241	238	237	239	237	239	243	241	14
241	244	239	241	239	240	245	243	239	245	253	255	257	253	240	244	240	245	248	252	254	258	256	15
253	269	278	273	279	272	244	237	235	243	237	214	211	193	177	188	199	205	198	204	202	203	190	16
193	188	186	176	186	190	194	201	206	219	225	241	236	240	235	227	213	195	179	181	182	190	205	17
188	180	174	171	164	167	166	174	179	190	200	205	223	218	206	201	206	206	211	216	223	228	231	18
227	227	219	210	201	199	187	188	189	191	188	189	188	195	198	189	189	180	180	185	192	196	204	213	19
220	227	223	220	201	205	195	202	199	202	207	209	207	205	208	214	219	218	223	232	234	229	234	20
243	247	248	260	258	275	295	303	309	305	312	312	296	307	305	310	305	312	301	299	297	296	291	21
257	268	243	235	235	228	220	219	221	223	231	231	221	216	219	221	224	220	215	206	201	198	204	22
197	207	202	199	197	217	208	212	209	226	237	237	237	238	236	238	248	248	237	235	234	234	232	23
223	216	220	221	227	220	227	234	239	245	242	245	248	252	256	259	265	263	270	269	280	283	285	24
285	284	283	281	280	279	277	276	263	258	258	259	244	232	226	226	230	227	226	228	223	233	225	25
227	225	228	227	228	231	226	224	220	228	225	227	223	231	231	230	238	241	249	254	253	265	275	26
267	269	283	276	280	286	293	300	296	296	295	299	303	293	289	298	311	321	331	338	347	356	359	27
368	369	371	369	374	372	372	377	377	384	384	384	384	386	379	377	376	380	380	378	386	379	357	28
327	313	304	325	305	311	302	331	327	313	322	288	254	255	243	225	202	201	207	213	200	203	204	29
215	217	226	256	264	287	247	236	239	252	245	236	222	222	223	221	220	220	217	225	226	235	248	30
275	294	298	311	313	321	320	331	345	345	351	346	339	337	336	340	339	352	353	360	358	357	356	31

Meteorological Office.
116 Victoria Street Westminster S.W.
ROBERT H. SCOTT. Secretary.

STONYHURST OBSERVATORY LAT. 53° 51' N LONG 2° 28' W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.438	29.437	29.420	29.444	29.412	29.414	29.430	29.454	29.448	29.458	29.469	29.467	29.4
2	.381	.388	.423	.409	.409	.505	.494	.495	.495	.489	.482	.480	.4
3	.470	.494	.482	.484	.478	.480	.474	.484	.490	.496	.484	.474	.4
4	.391	.338	.384	.378	.360	.366	.360	.356	.352	.352	.343	.329	.3
5	.332	.247	.247	.243	.227	.229	.217	.215	.209	.221	.214	.204	.1
6	.326	.370	.462	.432	.460	.494	29.538	29.572	29.610	29.656	29.674	29.694	29.7
7	29.949	29.964	29.972	29.984	29.986	29.992	30.008	30.018	30.028	30.048	30.046	30.049	30.0
8	30.069	30.075	30.070	30.079	30.083	30.093	.102	.107	.125	.139	.131	.131	.1
9	.175	.160	.150	.147	.131	.123	.119	.103	.099	.096	.083	.067	.0
10	.016	.023	.027	.037	.045	.054	.063	.075	.089	.102	.114	.111	.1
11	.146	.116	.138	.128	.126	.122	.130	.139	.142	.154	.156	.152	.1
12	.206	.206	.202	.206	.210	.216	.228	.248	.264	.281	.282	.280	.2
13	.338	.336	.330	.330	.330	.330	.326	.322	.320	.328	.314	.301	30.2
14	.112	.102	.082	.070	.050	.046	.030	.034	.036	.036	.028	.014	29.9
15	.002	.003	.008	.004	.004	.018	.024	.032	.042	.051	.055	.051	30.0
16	.033	.051	.045	.037	.027	.023	.025	.025	.031	.037	.028	.018	.0
17	.062	.070	.087	.094	.106	.112	.120	.135	.158	.182	.192	.190	.1
18	.238	.230	.248	.244	.247	.248	.257	.260	.264	.276	.274	.270	.2
19	.238	.282	.266	.252	.250	.258	.254	.262	.266	.274	.271	.267	.2
20	30.195	30.177	30.169	30.143	30.141	30.135	30.133	30.132	30.121	30.113	30.095	30.083	30.0
21	29.967	29.961	29.933	29.929	29.911	29.897	29.887	29.888	29.878	29.877	29.868	29.852	29.8
22	29.743	29.766	29.780	29.808	29.840	29.886	29.914	29.970	30.014	30.056	30.079	30.091	30.1
23	30.243	30.243	30.245	30.247	30.247	30.239	30.235	30.237	30.247	30.255	30.249	30.235	30.2
24	29.987	29.965	29.931	29.901	29.877	29.869	29.851	29.841	29.839	29.842	29.849	29.848	29.8
25	30.059	30.067	30.070	30.077	30.083	30.093	30.111	30.121	30.139	30.156	30.155	30.151	30.1
26	30.177	30.185	30.177	30.167	30.151	30.141	30.131	30.129	30.133	30.137	30.132	30.118	30.0
27	29.958	29.960	29.959	29.908	29.910	29.898	29.884	29.878	29.864	29.853	29.813	29.799	29.7
28	.381	.383	.387	.415	.439	.461	.470	.467	.453	.491	.471	.433	.4
29	.341	.351	.363	.365	.371	.391	.402	.396	.395	.390	29.364	29.345	29.3
30	.400	.400	.390	.392	.352	.298	.238	.134	.048	.039	28.969	28.924	28.9
31	29.271	29.282	29.276	29.254	29.220	29.162	29.118	29.082	29.054	29.036	29.002	29.002	29.0

DRY BULB THERMOMETER ..... 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	NI
1	26.0	26.3	28.5	29.8	29.2	29.0	29.1	29.0	29.6	30.5	32.2	33.5	33.4	33.9	32.7	31.7	30.9	29.0	29.0	27.4	25.8	25.6	23.4	23.8	2
2	23.8	24.3	25.4	25.1	24.7	23.9	25.3	24.9	25.1	25.2	26.4	27.0	28.1	28.8	27.6	26.0	25.2	26.0	25.2	26.9	26.0	25.3	24.0	23.1	2
3	20.8	20.6	21.4	19.8	23.2	23.5	26.4	25.5	26.9	27.8	27.8	28.3	30.4	30.1	28.0	25.9	25.6	24.7	23.0	22.7	22.4	21.4	21.8	20.9	2
4	21.1	21.0	20.2	20.2	19.3	18.0	18.8	18.6	18.9	20.1	23.0	26.6	28.0	28.7	27.5	26.0	24.2	24.0	21.1	22.5	22.7	21.0	16.2	17.2	2
5	16.2	17.1	16.2	15.8	16.8	18.7	21.0	22.4	23.3	24.9	26.2	27.9	29.0	29.2	29.6	30.2	30.5	30.7	30.0	30.2	29.9	28.8	28.6	28.0	2
6	28.4	28.3	28.4	29.0	28.0	27.1	23.9	24.0	21.1	20.4	22.0	21.9	21.9	22.7	22.6	23.0	20.0	19.7	18.2	16.5	14.3	15.4	15.8	14.5	2
7	14.3	14.0	15.0	16.7	18.0	17.4	15.9	19.0	18.5	21.1	21.1	25.4	27.0	29.2	28.7	28.9	30.9	31.0	31.0	29.9	29.1	28.7	31.0	31.4	2
8	31.3	30.8	31.7	31.4	32.0	29.9	24.5	27.6	24.8	27.2	28.1	31.0	32.6	34.6	33.1	30.8	30.1	31.2	31.0	29.1	26.7	26.0	24.7	22.9	2
9	25.2	26.4	29.0	29.9	31.0	31.2	31.2	31.3	31.0	32.2	33.3	34.6	35.9	36.2	36.1	36.0	35.9	35.7	35.9	35.9	35.8	36.3	36.3	35.9	3
10	35.7	35.2	36.5	36.0	35.9	35.8	35.9	35.7	35.9	36.4	36.9	36.8	36.9	37.0	36.8	36.0	34.8	33.6	31.3	30.3	28.9	28.0	27.0	27.0	3
11	26.5	26.0	25.8	23.9	23.8	24.5	24.7	23.2	24.5	25.8	26.3	27.8	29.3	30.6	32.0	32.4	32.2	33.1	30.6	31.0	31.2	32.3	33.0	33.2	2
12	32.0	32.0	31.4	31.0	30.5	30.4	29.6	29.1	28.0	28.6	28.7	29.3	31.0	32.2	32.9	32.2	31.9	30.0	31.3	30.5	29.9	29.3	28.8	29.0	3
13	28.6	28.9	28.5	27.0	26.3	26.8	26.0	26.1	25.8	24.8	26.0	31.6	35.0	35.7	34.9	35.0	35.1	35.3	35.6	35.7	35.9	36.1	36.0	36.3	3
14	37.0	37.5	37.4	37.9	38.5	38.3	38.4	38.7	39.0	39.4	40.4	40.0	41.0	41.8	41.4	42.0	41.7	41.6	41.4	42.0	41.9	42.0	42.3	42.0	4
15	41.7	42.0	41.1	41.8	41.7	41.4	41.3	41.7	40.9	41.9	42.0	41.7	42.5	42.2	42.0	41.6	41.1	40.6	41.0	41.1	41.0	40.0	40.7	36.7	4
16	36.0	36.0	37.9	37.9	37.9	37.2	38.0	38.1	37.9	39.6	41.1	41.2	41.2	41.3	40.9	40.2	40.0	37.5	37.9	35.9	35.6	35.1	34.4	33.8	3
17	34.0	34.3	34.8	34.2	35.0	34.7	34.3	34.5	35.1	36.0	35.6	35.8	36.2	37.1	37.0	36.6	36.9	37.1	37.7	38.3	37.5	36.5	36.0	36.4	3
18	34.2	36.0	36.0	36.9	36.0	35.4	35.0	34.0	33.6	32.1	32.3	33.6	35.3	36.9	38.0	38.6	37.1	38.0	38.0	37.8	37.6	38.3	28.2	37.2	3
19	35.7	34.5	34.4	33.5	33.1	32.2	32.3	32.2	31.7	31.2	33.0	33.5	34.3	33.8	33.0	31.9	31.0	31.0	31.2	31.3	31.9	32.8	32.3	34.5	3
20	35.7	35.7	36.0	25.7	35.1	35.1	35.3	35.0	34.9	34.9	35.4	35.6	34.8	33.9	33.2	32.0	32.1	31.9	31.5	31.4	30.9	30.4	30.5	30.9	3
21	30.0	30.0	30.1	29.9	29.7	29.5	29.8	29.1	29.4	29.2	30.0	30.4	30.2	30.5	31.2	31.6	32.8	33.1	34.2	35.2	36.4	37.0	37.9	38.3	3
22	38.9	39.0	39.5	39.6	38.9	38.9	38.2	37.9	36.0	36.7	38.0	39.1	40.9	40.5	39.3	37.3	36.3	36.0	35.9	36.9	36.1	37.2	39.7	39.3	3
23	39.9	39.5	40.5	40.6	40.1	39.7	39.2	38.5	39.9	40.6	42.0	42.0	42.4	43.2	40.0	38.5	36.8	35.9	35.0	33.9	33.9	33.2	32.1	32.3	3
24	32.6	32.6	33.2	33.5	33.7	35.0	34.2	35.6	37.4	39.1	39.0	40.0	40.8	40.7	39.2	39.5	37.3	35.8	35.1	35.0	34.7	33.8	34.2	34.9	2
25	35.0	35.8	33.9	34.0	34.9	35.7	34.8	34.2	34.9	35.0	35.5	37.1	38.8	39.5	38.6	35.4	35.7	35.0	34.9	35.0	33.9	34.2	34.1	33.9	2
26	33.4	34.0	35.0	35.3	34.5	34.4	36.2	36.0	35.6	35.9	36.4	36.1	35.2	34.6	33.2	31.9	32.0	31.0	30.5	29.1	29.2	29.2	28.9	29.0	3
27	28.9	28.3	29.0	29.2	29.0	29.7	30.0	30.3	31.1	32.5	34.1	35.3	36.2	37.0	37.7	38.0	39.1	39.6	39.9	40.0	40.9	41.2	43.0	46.0	3
28	45.3	47.2	48.0	48.5	47.2	47.9	47.3	46.2	45.3	46.0	47.0	47.0	47.9	49.4	50.4	50.9	51.3	52.3	51.0	50.3	48.9	48.0	46.4	45.5	4
29	44.4	45.0	44.8	44.1	43.4	42.9	42.3	41.6	42.3	42.1	42.9	44.8	44.6	44.0	44.2	42.8	41.4	40.9	40.4	39.1	39.9	39.3	39.1	39.3	4
30	39.7	39.8	38.2	38.9	38.0	36.3	36.2	37.1	37.2	38.1	39.6	34.9	35.2	36.3	36.3	37.2	36.9	37.0	37.6	37.5	37.1	37.1	37.0	37.6	3
31	37.0	37.9	38.6	37.8	36.5	35.8	38.5	41.7	45.2	45.7	46.7	46.8	46.9	47.4	48.1	48.0	48.3	48.0	47.4	47.9	48.7	49.1	49.3	49.3	4

* Record defective or Instrument out of action † Reading of Standard • Approximate.

HOURLY VALUES DECEMBER 1879.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
479	29.483	29.501	29.507	29.515	29.521	29.523	29.529	29.529	29.533	29.541	29.475	1
432	.440	.442	.454	.450	.452	.438	.458	.460	.460	.464	29.470	2
462	.442	.441	.442	.442	.444	.438	.428	.421	.416	.406	29.460	3
293	.287	.283	.291	.295	.291	.289	.279	.273	.261	.253	29.324	4
160	.146	.140	.130	.136	.146	.168	.192	.226	.254	.296	29.204	5
.723	29.756	29.780	29.806	29.832	29.864	29.882	29.904	29.918	29.935	29.944	29.678	6
.033	30.041	30.043	30.058	30.053	30.063	30.064	30.067	30.079	30.075	30.073	30.030	7
131	.140	.153	.153	.159	.163	.161	.173	.174	.177	.177	30.129	8
.043	.033	.031	.013	.011	.009	.007	.007	.009	.007	.007	30.070	9
110	.110	.118	.124	.130	.132	.138	.142	.148	.150	.147	30.096	10
.145	.145	.152	.153	.166	.171	.178	.188	.192	.196	.198	30.155	11
.280	.282	.284	.296	.308	.316	.334	.338	.338	.342	.340	30.273	12
.263	30.244	30.232	30.218	30.209	30.202	30.186	30.176	30.166	.146	.130	30.265	13
.980	29.982	29.982	29.984	29.996	29.994	29.996	29.996	29.996	.000	.004	30.022	14
.048	30.049	30.053	30.053	30.055	30.061	30.063	30.067	30.069	.051	.051	30.040	15
.007	.004	.010	.008	.010	.024	.024	.028	.042	.050	.056	30.028	16
182	.194	.198	.212	.230	.238	.244	.244	.242	.244	.248	30.174	17
.250	.242	.238	.246	.256	.254	.260	.262	.260	.263	.262	30.256	18
.247	.249	.249	.249	.251	.241	.235	.232	.233	30.225	30.211	30.250	19
.065	30.047	30.051	30.037	30.032	30.019	30.001	30.003	30.005	29.987	29.975	30.081	20
.828	29.808	29.796	29.783	29.772	29.762	29.758	29.750	29.752	29.738	29.734	29.840	21
.137	30.153	30.169	30.181	30.203	30.202	30.211	30.223	30.225	30.227	30.229	30.051	22
.193	30.171	30.165	30.143	30.121	30.097	30.083	30.065	.059	.057	.021	30.179	23
.861	29.883	29.895	29.919	29.939	29.955	29.967	29.990	.009	.029	.053	29.915	24
.185	30.125	30.131	30.129	30.123	30.125	30.119	30.127	.123	30.118	30.121	30.117	25
.006	30.008	30.006	30.000	29.986	29.986	29.992	29.998	30.008	29.986	29.964	30.023	26
.719	29.677	29.643	29.621	.581	.544	.507	.483	29.455	.423	.415	29.729	27
.361	.317	.287	.253	.233	.233	.239	.269	.285	.309	.321	29.365	28
.306	29.286	29.286	29.284	.290	.288	.322	.345	.369	.388	.402	29.348	29
.912	28.920	28.950	28.980	.018	.072	.132	.172	.206	.242	.270	29.140	30
.006	29.026	29.060	29.088	29.096	29.108	29.110	29.110	29.116	29.130	29.122	29.114	31

WET BULB THERMOMETER

7 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
23.9	26.2	27.0	27.4	*	*	27.0	27.0	27.9	29.1	30.1	30.0	*	30.0	30.2	29.7	27.7	27.2	26.1	24.6	24.6	23.0	23.0	27.1	1
23.4	24.4	24.1	23.5	22.5	23.9	24.0	23.9	24.0	25.0	25.5	27.0	27.3	26.4	25.4	24.3	25.2	24.7	26.0	25.6	24.4	23.3	22.2	24.6	2
19.5	20.3	‡19.0	21.8	21.3	23.0	22.5	23.2	23.9	24.5	24.9	26.2	†26.2	24.4	23.0	22.8	22.1	20.9	20.2	20.1	19.5	20.0	18.9	22.0	3
19.0	18.4	18.6	17.8	16.5	17.2	17.0	17.1	18.2	20.4	22.6	24.2	24.5	23.0	21.8	20.8	20.1	18.5	‡19.0	18.3	17.2	14.5	14.9	19.1	4
14.9	13.4	13.9	14.9	16.4	18.3	20.2	22.0	23.5	25.0	26.2	28.0	28.7	29.0	29.8	30.0	30.1	29.7	29.9	28.4	28.1	27.9	27.2	23.7	5
27.8	27.8	28.0	27.0	26.1	23.2	23.3	20.8	19.4	21.0	20.8	20.8	21.3	21.2	21.9	15.9	19.0	17.3	15.8	13.6	14.6	14.9	13.6	21.1	6
13.3	14.2	15.8	16.9	16.5	14.9	17.8	17.5	20.0	22.7	24.0	25.2	27.3	26.8	27.1	29.0	29.2	29.5	28.9	28.2	28.0	30.2	30.6	22.8	7
30.1	30.8	30.4	31.6	29.4	24.0	27.0	24.4	26.5	27.4	29.9	30.9	*	31.1	29.1	28.9	30.0	30.2	28.5	26.0	25.8	24.2	22.2	28.4	8
25.9	28.2	28.5	29.5	30.0	30.0	30.2	30.4	30.9	*	*	34.0	34.5	34.5	34.6	34.6	34.5	35.0	35.0	35.0	35.8	35.9	35.4	32.0	9
35.0	36.1	35.2	34.9	34.2	34.2	33.9	33.8	34.0	34.4	34.5	35.0	34.9	34.6	34.0	33.0	32.1	30.1	29.1	*	26.9	26.0	26.0	32.7	10
25.1	24.5	23.0	23.0	23.9	24.0	22.6	23.9	24.9	25.3	26.2	27.9	28.9	29.5	30.7	30.4	31.3	29.5	30.0	30.3	31.5	32.2	32.5	27.4	11
31.2	31.1	30.7	30.4	30.1	29.3	29.0	27.4	28.0	27.8	28.1	29.4	30.2	31.0	30.8	30.3	29.0	29.8	29.1	28.6	28.2	27.5	27.9	29.4	12
27.9	27.8	26.1	25.9	26.1	25.6	25.9	25.0	24.0	25.2	30.2	31.6	32.9	32.4	32.9	33.0	33.2	32.8	33.9	34.0	34.4	34.9	29.0	29.9	13
35.9	36.0	36.3	37.2	37.3	37.6	37.5	37.9	38.1	39.6	39.2	40.3	41.2	41.0	41.7	41.3	41.3	41.1	41.7	41.5	41.8	42.0	41.6	39.4	14
41.8	41.0	41.4	41.4	41.2	41.1	41.4	40.6	41.3	41.7	41.5	42.1	41.9	41.5	41.0	40.8	40.4	40.5	40.8	40.8	39.8	40.5	36.2	40.9	15
37.7	37.6	37.3	37.4	36.9	37.4	37.6	37.1	36.9	40.7	40.8	40.7	40.5	40.0	38.9	38.3	36.5	36.4	35.0	34.3	34.1	33.5	33.0	37.4	16
33.8	34.0	33.4	34.1	33.9	33.5	33.6	34.1	34.8	34.4	34.6	35.0	35.8	35.6	35.3	35.6	35.8	36.1	36.8	36.2	35.3	35.0	35.9	34.8	17
35.2	35.2	36.2	35.5	35.0	34.6	33.7	33.1	31.5	31.9	33.0	34.5	35.8	36.7	37.1	36.0	36.9	37.0	36.8	37.0	36.0	35.2	35.2	35.2	18
33.0	33.0	32.1	31.9	31.0	31.0	31.0	30.2	30.0	31.6	32.0	32.8	32.3	31.6	20.7	30.0	30.0	*	30.4	30.9	31.4	31.3	32.1	31.4	19
34.5	34.0	33.9	33.3	33.4	33.6	33.3	33.1	32.9	33.4	33.4	32.9	32.0	31.5	30.8	30.7	30.2	30.0	29.8	*	29.1	29.2	29.3	32.0	20
29.0	29.0	28.6	28.5	28.4	28.7	28.2	28.5	28.3	29.0	29.3	29.1	29.9	30.2	31.0	31.9	32.3	33.5	34.7	35.8	36.5	37.1	37.6	31.0	21
38.3	39.0	39.0	38.2	38.2	37.6	36.4	35.1	35.9	37.0	38.0	39.8	39.2	37.9	36.1	35.1	34.5	34.5	35.0	34.5	35.1	37.0	37.1	36.9	22
37.6	38.8	38.9	38.7	38.2	38.0	37.3	38.6	39.4	40.7	40.4	40.9	41.0	38.3	37.0	35.6	34.8	33.6	32.5	32.2	31.5	31.0	31.1	36.8	23
31.6	32.2	32.3	33.5	34.0	33.2	34.4	36.0	37.4	38.0	39.3	40.3	40.1	36.9	38.6	36.8	35.1	34.6	34.2	34.1	33.0	33.9	34.2	35.3	24
35.0	33.2	33.5	34.3	35.0	34.1	33.7	34.1	34.1	34.7	36.0	37.1	37.8	36.9	34.3	34.0	33.7	33.4	33.2	32.3	32.3	32.1	31.9	34.2	25
33.0	33.9	34.2	33.5	33.4	34.5	34.2	34.0	33.9	34.1	33.9	33.1	32.8	31.9	30.3	30.3	29.4	29.0	27.8	28.0	28.1	27.9	27.8	31.7	26
27.2	27.8	28.0	28.0	28.4	28.9	29.5	30.4	31.7	*	34.4	35.2	36.0	36.4	36.9	37.8	38.2	38.4	39.0	39.4	40.4	42.0	44.6	34.2	27
46.6	47.8	47.8	47.0	47.7	47.0	46.0	45.0	45.4	46.5	46.5	47.1	48.2	48.8	48.7	50.0	49.9	48.9	48.1	46.8	46.2	45.2	43.3	47.1	28
42.8	42.5	41.9	41.2	40.8	40.2	40.0	40.3	40.0	41.5	42.9	42.9	41.9	41.5	40.6	38.9	38.8	38.1	37.3	37.2	36.8	35.9	36.0	40.1	29
37.2	36.8	36.8	36.1	34.0	34.6	35.3	35.9	37.0	37.6	34.0	36.1	35.0	34.6	35.0	34.7	34.2	34.7	34.5	34.0	34.3	34.2	34.9	35.3	30
35.7	36.7	36.9	35.8	35.0	38.3	41.1	44.2	45.1	46.2	46.2	46.3	47.0	47.8	47.5	48.0	47.6	47.0	47.3	48.3	48.9	49.0	49.0	43.8	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT 53° 51′ N. LONG: 2° 28′ W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	30	4	30	4.5	30	4.5	28	7.5	29	10.5	31	16	32	13	2	15	1	17	1	9.5	1	9.5	2	9.5	4
2	3	4	3	3	3	1.5	3	2	3	4	3	4	3	2	3	3	3	1.5	3	1.5	3	1.5	3	2	3
3	2	7.5	2	4.5	2	4.5	2	4	2	6.5	2	6.5	4	11	4	12	5	13	6	12	6	8.5	5	7.5	7
4	4	6.5	4	7.5	4	7.5	4	7.5	4	4.5	4	4	4	7.5	4	9.5	4	4.5	4	9.5	4	6.5	4	4.5	4
5	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.5	2	1.5	2
6	2	4.5	2	4	2	3	2	4.5	2	3	2	3	2	5.5	2	4	2	3	2	4	2	4.5	2	4	2
7	2	4.5	2	5.5	2	6.5	2	5.5	2	4.5	2	4	2	4.5	2	4	2	4	2	4	2	3	2	2	2
8	2	2	2	3	2	2	2	4	2	4	3	3	3	2	3	4	3	3	3	2	3	4	3	4	3
9	3	6.5	3	3	3	2	3	3	3	4.5	3	4	3	5.5	3	6.5	3	4	3	3	3	1.5	3	3	23
10	22	4.5	2	3.5	2	4.5	2	4.5	3	6.5	2	5.5	2	4.5	3	4	3	5.5	2	5.5	2	5.5	2	5.5	2
11	2	6.5	2	6.5	2	5.5	2	5.5	2	7.5	2	4.5	2	7.5	2	4.5	2	4.5	2	4.5	2	6.5	2	5.5	2
12	3	2	3	2	3	2	30	3	29	3	29	2	29	2	29	4	29	3	29	2	29	4	2	4.5	2
13	2	4.5	2	4.5	2	4	2	4.5	2	4	2	4	2	4.5	2	4	2	4	2	3	2	2	31	4.5	22
14	23	9.5	22	10.5	22	11	22	8.5	22	10.5	22	10.5	22	10.5	22	9.5	23	11	23	12	21	10.5	22	8.5	22
15	22	7.5	22	4.5	22	2	22	4	22	4	22	1.5	22	2	22	2	22	2	22	3	22	2	22	3	22
16	30	4	30	3	1	5.5	1	4.5	1	4.5	2	4	2	4	2	4	2	4.5	5	3	15	6.5	15	7.5	20
17	18	1.5	18	3	18	3	18	1.5	18	4	19	2	19	3	19	3	19	2	19	2	19	3	19	3	19
18	18	3	18	2	18	3	18	3	18	3	18	2	18	4.5	15	4	5	4	4	4.5	4	5.5	3	4.5	2
19	7	4.5	6	4	6	4	3	5.5	2	6.5	2	5.5	2	5.5	2	4.5	2	5.5	2	4.5	2	4.5	2	4	2
20	7	12	7	10.5	7	16	6	14	6	13	7	13	7	14	8	10.5	7	11	8	5.5	5	4.5	9	11	9
21	15	8.5	15	9.5	14	8.5	16	8.5	16	7.5	14	8.5	14	8.5	15	8.5	14	8.5	14	9.5	14	4	15	5.5	12
22	21	9.5	22	9.5	22	8.5	22	11	22	8.5	22	7.5	22	9.5	25	8.5	23	4.5	23	6.5	15	6.5	19	5.5	20
23	21	9.5	20	6.5	20	8.5	22	9.5	22	7.5	22	6.5	20	4.5	19	4.5	19	5.5	21	4.5	18	6.5	19	5.5	19
24	19	6.5	19	7.5	17	8.5	16	4	16	4	18	9.5	17	6.5	17	8.5	19	7.5	20	10.5	20	14	21	16	22
25	21	5.5	22	6.5	22	1.5	20	4	23	4.5	23	6.5	10	3	19	3	14	2	14	1.5	14	2	14	1.5	14
26	8	3	5	4.5	9	3	12	4	11	3	12	4.5	14	5.5	15	9.5	14	4.5	15	8.5	14	13	13	8.5	13
27	14	9.5	13	4	12	4	12	5.5	18	6.5	18	5.5	17	14	17	12	16	16	15	14	14	17	16	18	17
28	16	28	18	24	19	19	19	19	20	20	21	20	21	21	21	18	20	14	20	7.5	20	14	20	12	19
29	21	25	22	27	21	26	21	23	21	25	21	22	21	18	21	15	19	12	18	9.5	19	10.5	20	18	20
30	21	20	20	22	20	23	19	18	19	16	16	12	15	24	14	26	14	41	17	24	17	20	19	19	22
31	22	18	22	17	21	16	21	19	18	12	17	11	19	8.5	20	19	20	25	20	24	20	28	21	28	21

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1																								
2																								
3			Melted Snow = 020																					
4																								
5			Melted Snow = 003																					
6			Melted Snow = 247																					
7																								
8																								
9																						001	017	004
10	004	004					001	001																
11																								
12																								
13																								
14						001	001	001	001	002										020	002	003		
15	002	00.	001	001	002		003	001	001															
16			001	001	001	001	001																	
17																								
18																								
19																								
20																								
21																								
22			010			002	003	002																
23																								
24												009	011	035		001	001							
25			001	001	001																			
26																								
27																				040	040	030	015	
28	025	170	235	035	025	085		001	001															
29																								
30		002	010	002	001				035	017		075	035	042	030	003	005	001						
31			002	030	041	061	060	085	110	160	185	062	115	110	135	165	020	080	015	005	010	100	170	211

*Record defective or Instrument out of action. †Obtained from reading of Standard. • Approximate.

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.				DAY
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V				
6.5	3	5.5	3	5.5	3	4	3	4.5	3	4	3	3	3	2	3	4	3	4.5	3	4				1
3	3	2	3	3	3	4.5	2	6.5	2	4.5	2	3	2	4	2	4.5	2	6.5	2	6.5				2
8.5	5	4	5	6.5	5	5.5	5	5.5	5	5.5	5	4.5	5	7.5	5	8.5	5	8.5	4	7.5				3
4.5	3	4.5	2	4	2	4	3	4.5	2	4	2	4	2	4	2	3	2	2	2	4				4
3.5	2	4.5	2	2	2	2	2	2	2	3	2	2	2	4	2	4	2	4.5	2	4.5				5
4.5	2	4.5	2	4	2	3	2	4.5	2	4.5	2	4.5	2	5.5	2	4.5	2	6.5	2	4.5				6
2	2	2	2	3	2	3	2	5.5	2	3	2	2	2	3	2	3	2	4	2	4				7
4	3	4	3	5.5	3	4.5	3	4.5	3	3	3	4.5	3	4	3	4.5	3	4	3	6.5				8
6.5	22	6.5	22	5.5	22	4.5	22	5.5	22	4	22	3	22	3	22	5.5	22	3	22	2				9
4	2	4	2	4	2	6.5	2	4	2	3	2	4	2	4	2	4.5	2	4.5	2	4.5				10
4	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	29	3				11
4.5	2	4.5	2	4.5	2	4	2	4	2	4.5	2	4	2	4.5	2	6.5	2	5.5	2	4				12
6.5	22	5.5	22	6.5	22	6.5	22	6.5	22	6.5	22	5.5	22	6.5	23	7.5	22	7.5	23	8.5				13
12	21	10.5	21	10.5	22	7.5	22	6.5	22	7.5	22	9.5	22	9.5	21	8.5	22	10.5	22	7.5				14
3	22	3	22	2	22	1.5	22	1.5	22	1.5	22	1.5	22	2	22	1.5	23	3	30	3				15
4	21	3	19	4	17	3.5	17	4.5	19	4.5	19	4	20	3	20	3	18	1.5	18	1.5				16
2	19	3	19	4.5	19	4.5	19	4.5	19	3	19	2	19	3	18	1.5	18	2	18	2				17
4	2	4.5	2	5.5	2	4	3	4	3	4.5	3	4	3	3	6	5.5	7	5.5	7	5.5				18
5.5	2	5.5	2	7.5	2	8.5	2	11	3	9.5	3	7.5	2	6.5	6	5.5	3	5.5	7	10.5				19
9.5	9	7.5	8	4.5	9	6.5	10	4.5	10	6.5	10	6.5	10	4.5	10	4.5	12	7.5	13	7.5				20
6.5	14	4.5	16	12	18	6.5	15	13	16	15	19	5.5	23	4.5	22	4	19	6.5	19	10.5				21
10.5	21	6.5	21	4	21	7.5	22	7.5	22	8.5	21	10.5	22	10.5	19	8.5	19	12	20	9.5				22
9.5	17	4	18	4	18	5.5	18	5.5	19	5.5	18	6.5	17	8.5	18	5.5	20	4	19	7.5				23
13	20	8.5	22	10.5	22	5.5	21	5.5	21	5.5	22	5.5	21	5.5	22	5.5	23	6.5	23	5.5				24
1.5	14	2	14	1.5	14	2	14	2	14	4	14	3	6	3	6	3	6	3	8	4.5				25
5.5	10	8.5	11	4.5	9	6.5	9	5.5	14	5.5	10	4	14	5.5	14	9.5	14	5.5	10	9.5				26
16	16	26	15	25	15	37	15	37	15	38	15	35	15	35	15	29	15	26	16	35				27
17	19	19	18	22	18	23	19	30	19	26	21	34	21	32	22	25	21	20	22	26				28
15	21	17	20	17	20	18	21	21	22	29	23	27	22	25	23	27	22	24	22	25				29
35	23	32	22	36	23	41	23	40	23	35	23	38	23	30	23	27	24	25	23	26				30
24	22	26	22	24	22	24	21	21	22	25	21	24	21	25	20	22	20	24	20	28				31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 6TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAY
075	096	098	114	*	*	106	100	107	119	128	127	*	132	145	144	123	111	110	102	107	106	100		1
101	105	102	095	084	092	103	095	096	100	102	120	117	115	121	116	114	120	117	127	107	105	093		2
078	080	079	079	063	058	060	057	061	071	078	081	082	067	062	063	061	061	054	056	059	063	055		3
056	056	060	060	055	055	057	052	054	053	059	064	065	051	045	046	038	046	037	027	028	046	039		4
041	043	043	045	043	044	058	082	090	103	104	130	147	148	158	158	157	159	160	128	138	139	128		5
140	138	130	122	115	104	105	103	076	083	081	081	078	077	086	071	082	070	071	061	064	063	059		6
062	062	066	064	068	061	065	070	076	084	092	094	111	107	110	128	131	138	140	135	137	153	158		7
155	153	153	172	153	115	132	120	127	132	146	149	*	148	132	137	146	153	143	122	134	116	098		8
128	136	130	138	146	146	149	146	153	*	*	176	182	183	186	187	187	194	194	195	204	206	202		9
202	208	197	192	181	180	176	173	171	173	176	163	180	177	175	166	162	147	139	*	120	114	114		10
110	099	097	100	112	109	104	112	110	111	106	124	130	128	147	143	152	146	148	153	166	171	176		11
162	168	166	168	160	156	158	134	139	132	129	135	139	148	151	144	140	141	136	132	132	122	128		12
130	136	117	133	122	127	135	113	106	114	146	142	158	155	162	163	166	175	176	176	181	182	188		13
193	196	196	208	211	216	217	216	216	234	230	242	251	252	260	256	257	254	260	257	263	263	258		14
263	256	256	258	256	255	268	249	253	260	261	263	263	256	251	252	249	246	252	253	243	250	208		15
222	221	215	217	216	216	219	211	229	249	251	248	243	236	222	213	205	198	194	184	185	181	178		16
188	186	182	186	186	182	182	185	189	187	188	19:	195	193	192	194	195	195	201	199	193	193	205		17
197	197	205	203	200	196	190	183	169	176	181	191	197	203	205	199	206	208	208	209	205	188	184		18
170	171	164	164	155	154	155	145	146	159	162	169	164	159	153	148	148	*	154	157	157	161	154		19
187	175	176	169	171	174	170	167	163	169	168	164	157	166	153	150	142	143	140	*	137	138	135		20
140	139	137	133	134	127	135	138	136	140	142	140	150	151	164	168	172	184	196	203	210	211	217		21
224	232	231	223	223	218	198	195	202	208	217	232	225	213	199	192	184	185	183	183	182	192	198		22
205	217	217	219	214	216	210	219	227	239	233	239	232	213	204	195	190	176	167	161	155	156	157		23
164	169	168	190	184	178	186	196	206	218	232	244	241	234	224	212	197	193	188	190	178	192	189		24
195	181	186	191	196	188	188	187	186	193	199	203	209	201	186	178	178	173	168	163	160	157	155		25
176	182	185	180	179	182	179	179	174	173	172	165	165	163	144	143	135	134	124	127	130	130	125		26
123	125	127	130	131	138	149	157	168	*	189	195	200	200	206	213	215	216	226	234	242	258	278		27
310	330	324	320	328	319	308	295	297	311	311	313	322	325	317	344	329	321	309	295	290	287	257		28
249	245	241	234	231	226	229	228	224	246	253	256	242	232	228	210	212	205	204	194	175	178	178		29
195	202	196	192	172	184	186	190	207	204	185	190	190	183	180	178	168	172	170	164	169	168	175		30
186	198	208	202	195	229	251	295	293	307	306	307	317	329	322	331	325	317	318	334	344	344	344		31

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51° 28′ N LONG 0° 19′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.753	29.754	29.738	29.730	29.722	29.713	29.706	29.706	29.702	29.694	29.683	29.656	29.
2	.869	.881	.871	.901	.904	.907	.909	.921	.933	.941	.926	.904	.
3	.866	.864	.860	.868	.843	.840	.835	.840	.839	.842	.829	.819	.
4	.639	.634	.625	.620	.607	.596	.584	.575	.573	.559	.548	.517	.
5	.496	.518	.538	.562	.579	.603	.627	.656	.684	.706	29.709	29.703	29.
6	29.585	29.607	29.645	29.695	29.739	29.791	29.842	29.890	29.930	29.975	30.009	30.029	30.
7	30.363	30.384	30.392	30.415	30.427	30.445	30.458	30.471	30.475	30.491	.484	.482	.
8	.448	.436	.424	.416	.406	.411	.422	.434	.448	.458	.461	.461	.
9	.595	.594	.585	.585	.593	.586	.577	.583	.591	.586	.575	.565	.
10	.437	.433	.425	.407	.405	.407	.408	.408	.417	.429	.436	.438	.
11	.538	.544	.546	.548	.549	.546	.562	.584	.586	.594	.586	.584	.
12	.605	.604	.598	.598	.596	.602	.609	.622	.630	.648	.648	.650	.
13	.711	.712	.713	.711	.714	.724	.733	.739	.744	.749	.743	.741	.
14	.629	.609	.604	.583	.573	.571	.559	.553	.553	.546	.539	.533	.
15	.463	.461	.443	.431	.429	.435	.431	.440	.441	.439	.440	.432	.
16	.442	.441	.435	.436	.438	.452	.455	.456	.464	.472	.477	.471	.
17	.501	.508	.515	.519	.521	.537	.544	.561	.563	.573	.581	.577	.
18	.588	.573	.569	.565	.563	.565	.562	.567	.575	.581	.578	.580	.
19	.586	.582	.586	.578	.578	.582	.580	.585	.590	.600	.609	.617	.
20	.529	.519	.515	.499	.495	.499	.497	.501	.499	.501	.488	.473	.
21	.384	.378	.374	.362	.354	.360	.358	.362	.360	.372	.373	.363	.
22	.309	.308	.303	.309	.311	.329	.357	.387	.426	.463	.502	.528	.
23	.775	.779	.781	.777	.767	.763	.767	.767	.769	.777	.764	.744	.
24	.508	.475	.460	.416	.412	.412	.407	.412	.422	.420	.429	.415	.
25	.483	.499	.513	.511	.513	.526	.533	.555	.561	.577	.572	.566	.
26	.538	.534	.522	.518	.501	.494	.494	.494	.492	.490	.490	.482	.
27	.438	.441	.435	.423	.425	.426	.418	.424	.422	.434	.418	.412	.
28	30.158	30.154	30.124	30.124	30.099	30.100	30.088	30.085	30.086	30.086	30.082	30.061	30.
29	29.940	29.946	29.960	29.961	29.968	29.978	29.979	29.989	29.986	29.985	29.972	29.938	29.
30	30.012	30.025	30.018	.998	.986	.955	.908	.854	.805	.738	.712	.648	.
31	29.840	29.866	29.868	29.862	29.848	29.825	29.792	29.761	29.740	29.727	29.704	29.663	29.

DRY BULB THERMOMETER. 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	M
1	28.8	28.5	27.3	26.0	26.8	25.2	25.0	24.9	27.0	28.5	30.5	32.0	32.6	33.4	33.0	32.1	32.9	31.9	32.1	32.1	31.1	30.6	30.0	27.6	2
2	26.2	24.0	22.0	21.5	21.5	20.8	19.5	‡18.3	19.0	22.0	26.0	29.1	31.3	31.0	30.9	29.0	27.8	26.9	25.0	25.0	24.4	22.0	20.4	20.5	2
3	‡19.1	‡18.8	‡18.8	‡18.8	‡19.1	‡18.8	‡20.0	‡21.0	22.6	23.9	26.6	29.2	30.1	30.0	29.9	28.0	27.8	27.0	27.1	27.0	27.0	26.2	25.7	26.2	2
4	26.7	26.2	28.0	26.3	27.4	27.2	28.0	27.6	29.0	30.7	31.3	32.0	31.1	30.3	29.6	28.0	26.6	25.5	25.0	24.1	24.0	23.9	24.5	24.1	2
5	24.1	24.6	23.0	23.8	25.0	25.9	25.5	25.0	24.0	24.0	27.0	28.9	30.1	31.6	31.9	31.4	31.0	31.1	31.2	31.7	31.7	33.0	33.0	33.7	2
6	35.1	35.0	33.6	32.6	32.7	33.0	32.7	30.6	30.0	30.3	32.0	32.7	33.0	32.9	31.9	30.5	28.0	27.0	25.9	23.9	22.0	21.0	20.3	‡18.7	2
7	18.2	18.6	16.6	16.9	16.0	15.2	14.0	‡14.0	‡14.0	‡16.5	20.4	24.5	26.6	27.7	27.9	27.9	28.0	27.4	27.1	27.8	28.0	29.0	29.0	30.6	2
8	31.0	32.0	31.9	31.0	33.0	34.9	35.0	34.3	34.4	34.9	36.0	37.0	37.0	37.2	36.8	35.0	35.5	36.0	34.1	32.8	33.0	33.0	29.5	29.4	2
9	30.1	29.4	27.1	26.2	28.8	29.0	29.0	30.6	31.3	32.7	33.2	32.6	33.0	32.6	30.9	29.0	28.9	29.0	29.1	29.6	30.5	31.0	32.2	33.4	3
10	33.6	33.8	34.1	34.2	34.1	34.0	33.3	33.7	34.0	34.0	34.5	35.2	36.6	37.6	37.6	36.7	34.6	33.0	32.2	31.2	30.0	29.2	28	026	5
11	25.0	23.3	22.0	21.5	21.0	20.6	20.5	20.0	20.0	21.0	23.3	25.4	28.0	29.2	30.0	28.7	27.7	27.0	27.0	27.6	28.0	29.3	30.1	30.9	2
12	31.6	31.5	31.5	31.8	32.0	32.0	32.1	32.5	32.2	33.0	33.6	34.7	35.0	35.8	35.8	35.0	34.8	34.4	34.1	34.1	34.0	34.0	34.1	36.0	2
13	36.0	35.9	35.5	34.8	34.1	34	34.0	34.0	34.0	34.2	34.6	35.0	35.1	35.5	36.0	35.1	35.0	33.2	31.8	31.0	31.9	32.0	32.7	32.7	2
14	32.9	32.8	33.0	33.0	33.1	33.3	33.8	33.9	34.0	35.0	36.2	37.0	38.1	38.5	38.5	38.1	38.5	38.3	38.0	37.9	38.0	37.5	36.0	37.9	2
15	38.0	37.7	37.9	37.9	37.6	37.5	37.3	37.5	37.6	38.0	39.7	40.9	42.0	42.0	41.2	40.3	39.0	39.0	38.1	37.8	37.7	37.2	37.6	37.2	3
16	37.6	38.2	38.0	37.0	36.0	34.0	34.0	33.5	33.0	32.8	32.1	33.0	33.0	33.0	31.5	29.5	28.4	28.7	29.0	28.4	27.7	27.6	27.2	27.2	2
17	27.2	27.0	26.0	26.0	25.0	24.1	23.5	22.1	22.0	22.2	23.9	24.7	26.1	27.3	28.4	28.8	28.9	28.7	28.0	27.9	27.8	27.0	25.7	24.0	2
18	24.0	24.9	28.1	28.2	28.8	29.9	30.7	32.5	35.5	37.0	37.3	37.6	37.6	37.4	37.5	38.4	37.0	35.0	32.8	33.0	33.0	32.8	32.0	32.1	32.1	2
19	33.0	33.0	33.0	33.0	32.3	31.3	31.8	31.6	32.3	34.2	34.9	35.0	34.6	34.0	34.1	34.4	35.0	34.7	34.3	34.4	34.1	34.0	34.1	35.1	2
20	35.4	35.1	35.0	34.9	34.7	34.6	34.1	34.0	33.9	33.2	33.3	34.2	34.7	34.6	33.4	32.5	31.7	31.4	31.5	30.5	30.1	30.0	29.8	29.7	2
21	29.2	29.0	29.1	28.9	28.9	28.5	28.6	28.2	27.1	27.0	27.9	28.0	29.0	29.1	29.9	30.0	30.4	30.9	31.4	31.3	30.8	31.4	32.3	33.6	2
22	35.8	36.9	37.5	38.3	39.0	39.4	39.7	39.1	39.4	39.6	40.0	40.5	42.5	43.0	42.5	39.5	35.0	31.5	29.4	29.0	28.5	28.0	28.7	28.1	2
23	27.8	27.3	26.5	27.0	28.1	29.0	29.8	30.0	31.0	32.0	33.0	34.0	36.0	36.2	35.0	34.2	33.0	31.7	31.5	31.0	‡30.0	29.0	28.1	27.2	2
24	27.6	27.6	26.8	26.0	26.2	25.6	25.1	24.9	24.2	25.9	28.0	30.5	33.1	37.0	39.0	37.7	36.1	35.3	35.2	36.5	36.9	37.0	37.4	38.0	2
25	38.0	37.9	37.0	36.3	35.5	34.6	34.0	33.0	32.8	32.2	32.7	32.2	32.0	31.9	31.2	31.0	31.0	31.8	32.3	32.5	31.5	31.0	31.0	31.3	2
26	32.0	32.2	31.3	30.8	30.0	30.1	30.9	31.4	32.0	32.0	32.1	32.5	32.6	32.7	32.5	32.0	31.3	31.0	30.3	30.4	30.6	29.9	28.0	28.8	2
27	28.9	27.6	27.9	27.1	27.4	28.0	28.0	28.5	29.9	31.0	32.0	32.2	32.5	32.9	32.5	30.8	30.0	31.7	32.3	33.0	34.7	36.0	39.0	40.5	2
28	41.9	42.0	42.6	43.1	43.4	45.0	45.6	46.4	48.1	48.6	50.0	50.0	50.7	50.9	51.0	51.2	51.1	51.4	52.0	51.9	51.6	51.1	51.5	51.8	2
29	52.2	51.4	51.3	50.0	48.9	46.0	44.8	44.0	44.0	44.2	46.5	48.2	49.0	49.5	49.9	49.0	48.5	46.0	44.1	43.2	42.4	40.9	40.1	39.4	3
30	38.7	37.2	37.3	38.0	37.5	38.3	39.4	41.2	42.5	44.0	40.4	41.1	38.5	40.6	38.2	39.1	39.3	38.0	37.8	38.4	38.2	38.5	38.5	38.0	2
31	37.7	37.5	37.0	36.9	38.3	40.2	42.8	45.0	47.0	48.0	48.3	48.4	49.6	50.0	50.3	51.2	51.7	52.3	53.1	53.5	53.1	52.7	52.9	53.0	2

‖ Record defective or Instrument out of action. † Reading at Standard. ‡ Approximate.

HOURLY VALUES DECEMBER 1878.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
29.681	29.715	29.749	29.772	29.797	29.819	29.831	29.844	29.851	29.869	29.741	1
.888	.894	.891	.886	.878	.875	.878	.877	.868	.869	29.895	2
.771	.749	.734	.721	.723	.720	.701	.697	.687	.666	29.786	3
.490	.493	.499	.498	.492	.480	.482	.484	.480	.484	29.640	4
29.677	29.657	29.663	29.643	29.631	29.605	29.591	29.569	29.563	29.573	29.621	5
30.107	30.153	30.177	30.205	30.237	30.266	30.288	30.321	30.340	30.355	30.013	6
.462	.471	.468	.472	.472	.472	.470	.467	.462	.456	30.454	7
.470	.481	.493	.505	.520	.526	.537	.562	.567	.587	30.474	8
.533	.521	.515	.506	.495	.482	.482	.476	.465	.447	30.542	9
.452	.468	.475	.488	.498	.507	.517	.526	.542	.544	30.457	10
.570	.570	.570	.576	.578	.588	.597	.598	.608	.608	30.574	11
.639	.649	.654	.667	.677	.681	.695	.699	.711	.713	30.645	12
.701	.697	.695	.689	.683	.669	.665	.659	.649	.639	30.705	13
.495	.498	.487	.483	.479	.473	.473	.471	.467	.469	30.527	14
.426	.426	.433	.436	.440	.448	.443	.444	.444	.444	30.438	15
.449	.453	.461	.459	.463	.471	.477	.482	.489	.499	30.461	16
.566	.571	.572	.579	.587	.593	.599	.599	.599	.591	30.562	17
.565	.566	.568	.570	.572	*	.590	.588	.589	.590	30.575	18
.596	.591	.587	.584	.581	.577	.571	.568	.563	.551	30.585	19
.442	.444	.442	.436	.429	.419	.416	.414	.404	.394	30.465	20
.327	.323	.323	.322	.326	.326	.325	.323	.321	.311	30.346	21
.599	.633	.652	.679	.711	.721	.736	.759	.762	.773	30.628	22
.692	.660	.658	.636	.630	.608	.588	.564	.548	.524	30.699	23
.383	.389	.403	.413	.421	.437	.447	.459	.476	.473	30.428	24
.557	.556	.561	.556	.554	.556	.558	.562	.556	.549	30.545	25
.448	.450	.455	.454	.452	.448	.442	.444	.452	.454	30.477	26
.337	30.319	30.300	30.300	30.290	30.268	30.236	30.210	30.184	30.182	30.353	27
30.019	29.994	29.983	29.968	29.953	29.940	29.924	29.924	29.929	29.938	30.037	28
29.862	.846	.848	.861	.867	.898	.906	.942	.970	.988	29.932	29
.574	.595	.602	.627	.650	.694	.720	.750	.784	.820	29.776	30
29.636	29.645	29.653	29.682	29.693	29.719	29.731	29.735	29.754	29.761	29.741	31

WET BULB THERMOMETER

10 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
26.5	25.5	24.6	25.1	24.1	24.0	24.0	26.0	†27.2	28.5	30.0	31.0	31.0	30.9	30.2	31.1	30.1	30.9	31.0	30.0	29.9	28.7	26.6	28.1	1
23.1	22.0	20.5	21.0	20.5	19.1	17.5	19.0	21.3	25.0	27.5	28.8	28.0	28.0	26.5	25.5	25.0	23.4	23.9	23.1	21.3	19.9	20.0	23.2	2
18.8	18.3	18.7	19.0	18.6	20.0	20.5	22.2	23.1	25.5	27.3	28.0	28.0	28.0	26.8	26.6	26.3	26.0	25.0	25.0	24.7	24.0	24.4	23.5	3
24.8	26.0	24.6	25.2	25.1	25.9	26.0	27.0	27.2	28.2	28.5	27.4	‡26.6	26.0	25.5	.....	.....	*	*	.....	.....	21.5	21.2	24.7	4
23.0	22.2	23.0	24.4	25.1	25.0	24.0	23.1	†22.7	*	26.8	28.0	28.7	28.5	29.0	30.0	30.1	30.4	30.6	31.0	31.8	*	*	27.0	5
.....	*	*	*	.....	.....	30.0	28.0	27.8	29.1	29.9	30.1	29.9	29.1	28.7	27.0	26.0	25.4	23.0	22.0	21.0	20.3	18.7	28.1	6
18.6	16.6	16.9	16.0	15.2	14.0	14.0	14.0	16.1	19.5	23.1	25.5	26.5	27.0	27.0	27.5	27.0	27.0	27.3	28.0	28.4	28.5	29.5	22.1	7
30.9	30.9	30.1	31.2	.....	*	*	.....	†33.6	34.4	35.0	35.0	34.0	33.2	32.2	32.3	32.2	31.8	.....	*	*	.....	29.0	32.2	8
29.0	27.1	26.1	28.5	28.9	29.0	30.0	31.0	31.6	31.9	32.0	31.9	31.2	30.0	*	28.9	29.0	29.0	29.2	30.0	30.8	31.9	32.0	29.9	9
*	*	.....	33.6	33.4	33.0	33.2	33.5	33.5	34.1	35.0	35.9	36.0	35.1	34.7	33.2	32.1	.....	*	.....	28.9	27.8	26.5	32.6	10
.....	.....	.....	*	*	*	.....	.....	.....	.....	25.4	27.6	29.0	29.2	28.2	27.4	27.0	26.8	27.3	27.8	29.0	30.0	30.3	‡25.3	11
31.0	31.1	31.2	31.6	31.2	31.8	32.0	.....	*	*	*	.....	†34.3	34.0	34.0	33.9	33.8	33.6	33.4	33.5	33.6	33.6	35.0	32.8	12
35.1	35.0	34.2	33.9	33.6	33.6	33.6	33.8	33.9	34.0	34.4	34.7	35.0	35.0	34.6	34.3	33.0	31.3	.....	.....	*	.....	.....	33.6	13
*	*	.....	32.5	33.0	33.2	33.3	33.5	34.0	35.0	35.6	36.5	37.0	37.0	37.0	37.1	37.0	37.0	37.0	36.6	37.0	37.0	37.0	35.2	14
37.0	37.0	37.0	37.0	36.9	37.0	37.0	37.0	37.9	39.2	40.5	41.0	41.0	40.6	40.0	39.0	38.8	38.0	37.6	37.6	37.1	37.5	37.1	38.2	15
38.0	38.0	37.0	35.9	33.9	33.8	32.7	32.6	32.0	31.5	32.0	32.0	31.5	30.5	*	28.4	28.7	29.0	28.4	27.7	27.6	27.2	27.0	31.7	16
26.1	25.4	25.3	24.5	24.0	23.3	22.1	22.5	22.2	23.9	24.6	26.0	27.2	28.3	28.7	28.9	28.6	28.0	27.9	27.8	27.0	25.7	24.0	25.8	17
24.9	28.0	28.1	28.7	29.6	30.7	32.0	*	†36.4	36.8	36.1	35.8	36.0	36.2	35.2	34.2	32.4	33.0	33.0	32.6	31.7	*	*	32.3	18
32.9	32.9	32.6	32.0	31.0	*	*	31.9	*	34.2	34.0	33.6	33.0	33.1	33.8	34.6	34.0	34.0	33.9	33.6	33.5	33.3	34.0	33.1	19
33.7	33.6	33.8	33.9	33.9	33.5	33.1	32.7	32.0	32.1	33.0	33.1	33.1	32.3	31.6	31.0	*	30.5	29.7	29.3	29.0	29.0	29.0	32.0	20
28.1	28.7	28.0	28.1	28.0	28.0	27.9	27.0	27.0	*	27.5	28.2	28.6	29.2	29.5	30.1	30.6	31.0	31.0	30.6	31.1	*	*	29.1	21
36.0	36.9	37.8	38.2	39.0	39.0	39.0	39.0	39.2	39.6	40.1	42.0	41.9	41.2	39.0	34.9	31.2	*	*	28.5	28.0	28.7	28.1	36.9	22
27.3	26.5	27.0	28.1	29.0	29.8	30.0	31.0	31.7	.....	*	.....	35.4	34.5	33.9	33.0	31.6	31.1	31.0	*	*	28.1	27.2	30.6	23
27.6	26.8	26.0	26.2	25.6	25.1	24.9	24.2	25.9	28.0	30.4	*	*	37.9	36.5	35.5	34.8	34.8	35.7	36.0	36.2	36.7	37.1	31.2	24
37.2	36.7	36.0	35.1	34.3	33.9	33.0	32.8	32.2	32.8	32.0	31.9	31.9	.....	*	.....	31.8	32.0	*	*	31.0	31.0	31.3	32.9	25
32.0	31.2	30.8	30.0	30.1	30.9	31.1	31.8	31.8	*	31.9	32.0	32.0	*	31.0	30.9	30.6	30.0	30.0	29.6	29.2	27.7	28.1	30.7	26
27.1	27.5	27.0	27.2	27.9	27.7	28.1	29.4	30.3	31.0	31.1	31.3	31.9	31.4	30.0	29.1	31.0	31.3	.....	*	.....	36.3	37.5	30.4	27
39.6	40.7	41.9	42.6	44.0	45.0	45.7	47.3	47.9	48.9	49.0	49.3	49.5	49.8	49.9	49.9	50.0	50.4	50.0	50.0	50.5	50.6	51.0	47.2	28
50.0	48.8	47.0	46.7	44.0	43.0	42.6	42.5	43.0	44.5	45.5	46.0	46.7	47.4	46.0	45.2	41.7	41.2	40.0	39.2	37.5	37.0	36.5	43.8	29
36.0	35.6	36.0	36.6	36.8	37.7	39.0	40.0	41.5	39.1	39.4	37.8	38.6	36.4	36.7	36.1	34.2	34.5	34.4	34.6	34.3	34.1	34.4	36.7	30
34.5	36.0	35.0	36.2	38.3	41.0	43.1	46.7	45.6	46.5	47.1	48.2	48.8	49.3	50.0	50.1	50.4	50.6	50.7	50.8	50.6	50.7	50.7	45.1	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT 51° 28'N. LONG: 0° 19'W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	
1	29	9.5	29	9.5	29	6.5	29	7.5	29	4.5	29	9.5	29	6.5	29	7.5	29	8.5	29	13	28	15	28	12	28	
2	4	2	4	2	4	1.5	4	3	4	1.5	4	2	4	1.5	4	1.5	4	1.5	4	1.5	4	3	4	5.5	16	
3	16	1.5	16	1.5	16	2	16	1.5	16	1.5	16	2	16	3	16	3	16	4	16	4.5	16	5.5	5	8.5	6	
4	8	18	8	17	7	17	6	15	6	15	6	16	6	14	6	15	5	16	5	17	5	25	5	27	6	
5	3	21	3	14	1	13	1	9.5	1	10.5	1	8.5	1	8.5	1	6.5	1	5.5	24	6.5	24	5.5	24	6.5	24	
6	26	8.5	26	10.5	1	9.5	4	14	5	12	5	9.5	5	8.5	5	4.5	5	9.5	5	6.5	4	9.5	4	8.5	3	
7	3	3	3	2	8	3	3	1.5	3	2	3	1.5	3	1.5	3	1.5	3	1.5	3	2	3	1.5	3	2	3	
8	3	6.5	30	7.5	30	5.5	30	6.5	30	7.5	30	8.5	30	7.5	30	9.5	30	7.5	30	4.5	30	8.5	30	9.5	31	
9	32	4.5	32	3	32	3	32	2	32	1.5	32	2	32	2	32	3	32	3	15	3	15	7.5	18	7.5	19	
10	19	6.5	19	5.5	19	4.5	19	5.5	19	4.5	19	3	19	4	19	4	19	2	19	3	18	4	18	6.5	2	
11	3	1.5	3	4.5	3	3	3	2	3	3	3	1.5	3	1.5	3	2	3	2	3	2	3	3	3	3	3	
12	22	3	22	4	22	3	22	4	22	3	22	4	22	4	22	4	22	3	22	4	22	4.5	22	3	22	
13	3	4	3	3	3	2	3	2	3	2	3	3	3	2	3	2	3	2	17	2	18	2	18	2	18	
14	18	3	18	4	18	4	18	2	18	4	18	3	18	4	18	3	18	3	18	3	18	4.5	18	4.5	20	
15	20	4	20	4	20	4.5	20	3	20	4	20	4.5	20	3	20	3	20	3	20	4.5	20	4.5	20	3	20	
16	20	3	20	4.5	20	4	20	7.5	8	12	8	4.5	12	4.5	7	4.5	9	5.5	10	4.5	8	4	13	4	15	
17	26	5.5	25	7.5	26	7.5	27	6.5	30	4.5	30	5.5	30	4	30	4.5	30	4	30	5.5	30	4.5	32	4	32	
18	32	4	32	2	2	7.5	2	8.5	2	11	1	7.5	1	6.5	1	5.5	2	8.5	3	10.5	4	15	5	19	6	
19	2	5.5	2	5.5	2	8.5	2	7.5	2	8.5	2	9.5	2	7.5	2	6.5	2	9.5	3	8.5	3	15	4	11	4	
20	6	21	6	19	7	21	7	16	7	19	7	14	7	18	8	16	8	15	9	11	8	12	8	9.5	8	
21	9	4	9	4	9	4	9	4	9	4	9	4	9	4	10	5.5	15	4.5	15	7.5	16	6.5	16	5.5	16	
22	15	6.5	15	5.5	15	5.5	16	5.5	16	8.5	16	5.5	16	4.5	16	2	26	3	26	3	27	2	27	2	27	
23	27	1.5	27	1.5	27	2	27	1.5	27	2	27	1.5	27	1.5	27	1.5	27	1.5	27	2	27	1.5	27	1.5	22	
24	17	1.5	17	2	17	1.5	17	2	18	3	18	1.5	18	3	18	3	22	4	22	4	24	3	24	3	24	
25	20	3	20	2	20	1.5	23	3	26	3	25	2	25	3	25	2	25	2	25	2	25	3	25	3	25	
26	6	4	6	5.5	6	10.5	6	10.5	6	9.5	6	7.5	6	8.5	6	7.5	6	8.5	6	9.5	7	10.5	8	8.5	9	
27	12	7.5	11	7.5	11	6.5	14	4.5	14	5.5	18	4.5	19	7.5	18	5.5	17	7.5	17	7.5	17	12	17	10.5	14	
28	18	21	18	20	18	23	20	24	18	21	19	24	18	27	19	27	19	29	20	27	19	34	19	28	19	
29	21	22	20	17	23	15	23	15	22	17	21	12	20	14	20	14	20	13	20	15	19	17	20	19	20	
30	22	13	20	14	20	14	20	14	20	8.5	20	14	19	18	18	23	18	25	18	34	20	30	19	27	20	
31	23	17	23	13	20	13	21	15	20	17	19	17	19	22	20	23	20	27	20	28	20	34	20	26	21	

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2				Melted Snow =					.005															
3																								
4																								
5				Melted Snow =					.005															
6				Melted Snow =					.080															
7															Melted Snow =			.015						
8																								
9																								
10		Sleet at 10 am =							.005															
11																								
12																		.005						
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20										.005														
21																								
22										.010														
23										.005	.015													
24																								
25										.010														
26																								
27																								
28				.045						.005					.010									
29																								
30											.105		.145	.030	.020									
31												.020	.035	.045	.050	.035	.040	.005	.010					

*Record defective or Instrument out of action. †Obtained from reading of Standard. * Approximate

HOURLY VALUES DECEMBER 1879.

AND VELOCITY IN MILES PER HOUR.

3		4		5		6		7		8		9		10		11		MIDT.		DAY
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
20	4	20	4	13	4	15	4	19	4	13	4	11	4	13	4	9.5	4	5.5	4	6.5	1
12	16	5.5	16	5.5	16	5.5	16	4.5	16	4	16	4	16	2	16	1.5	16	2	16	1.5	2
17	8	14	8	8.5	8	9.5	8	14	8	22	9	22	9	24	9	18	9	20	8	25	3
30	4	29	4	30	4	26	4	28	3	27	2	27	3	24	3	25	3	29	3	32	4
10.5	22	10.5	22	11	22	9.5	22	8.5	22	5.5	22	7.5	22	7.5	22	11	22	7.5	22	9.5	5
9.5	3	8.5	3	4	3	4	3	3	3	3	3	3	3	2	3	1.5	3	2	3	1.5	6
1.5	3	2	3	1.5	3	2	3	2	3	2	3	4	3	4	3	6.5	3	4	3	5.5	7
10.5	31	8.5	31	12	31	8.5	31	9.5	31	4.5	31	5.5	31	6.5	32	5.5	32	3	32	4.5	8
6.5	19	4	19	4.5	19	3	19	4.5	19	3	19	4	19	3	19	4.5	19	5.5	19	4.5	9
8.5	3	6.5	3	4.5	3	4.5	3	5.5	3	4	3	4.5	3	4	3	2	3	3	3	2	10
3	23	2	23	3	23	3	23	4.5	23	4.5	23	2	24	4	24	4.5	32	3	23	5.5	11
4.5	22	4	22	3	22	2	22	3	22	3	22	2	22	3	22	3	22	5.5	32	4.5	12
3	18	2	18	2	18	1.5	18	3	18	5.5	18	2	18	2	18	3	18	4.5	18	4	13
5.5	20	5.5	20	6.5	20	5.5	20	5.5	20	4.5	20	4	20	3	20	3	20	5.5	20	4.5	14
4	20	2	20	2	20	1.5	20	1.5	20	2	20	2	20	2	20	2	20	2	20	2	15
2	8	4	5	4.5	5	4.5	5	4	7	3	7	4	18	3	23	3	23	4	22	5.5	16
2	32	3	32	4	32	4	32	4	32	3	32	4	32	4	32	5.5	32	4	32	3	17
10.5	6	10.5	6	5.5	1	6.5	2	9.5	2	6.5	2	4.5	2	4	2	6.5	2	5.5	2	7.5	18
14	3	8.5	3	10.5	4	13	5	16	4	16	5	15	5	18	6	17	5	15	6	17	19
12	9	9.5	9	8.5	9	7.5	9	5.5	9	5.5	9	5.5	9	7.5	9	7.5	9	4.5	9	3	20
2	16	2	16	1.5	16	2	16	2	16	3	16	3	16	4	13	2	13	2	13	3	21
3	27	3	27	3	27	3	27	3	27	2	27	3	27	3	27	1.5	27	2	27	2	22
5.5	17	4.5	17	4	17	4	17	4	17	2	17	2	17	3	17	2	17	2	17	2	23
7.5	22	6.5	22	6.5	22	7.5	20	5.5	20	6.5	20	6.5	20	5.5	20	5.5	20	4	20	5.5	24
3	25	1.5	25	3	31	4.5	31	3	31	3	4	4.5	6	7.5	6	7.5	6	6.5	6	6.5	25
5.5	9	10.5	9	9.5	9	6.5	9	7.5	9	6.5	9	7.5	9	7.5	12	3	12	3	12	3	26
6.5	16	9.5	16	6.5	16	6.5	16	9.5	16	12	17	11	16	15	17	15	18	18	18	19	27
23	19	26	19	30	19	29	20	25	20	29	20	31	19	32	19	25	20	23	20	20	28
18	20	18	21	15	21	19	21	20	21	20	23	19	23	21	23	18	23	15	23	16	29
26	21	25	21	20	23	25	23	27	23	24	23	23	23	20	23	22	23	20	23	20	30
25	21	20	22	23	22	23	22	23	23	25	23	22	22	20	22	17	22	21	22	22	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAY
103	098	097	096	100	100	103	114	†118	123	137	151	144	145	140	150	140	154	156	147	153	133	121	1
098	118	084	098	102	091	‡074	103	094	107	117	121	107	108	096	090	091	084	097	089	094	092	093	2
†102	‡084	‡098	‡100	‡094	‡108	‡096	107	101	111	111	115	116	117	117	116	124	112	089	089	096	087	087	3
099	097	092	088	089	095	104	106	095	109	110	097	‡088	082	087	----	----	*	*	----	----	054	053	4
082	095	100	114	113	121	100	098	†085	*	103	115	116	111	123	148	150	155	153	162	163	*	*	5
----	*	*	*	----	----	156	116	110	120	130	132	129	121	127	122	114	124	097	118	113	110	102	6
101	092	094	090	087	082	‡082	‡082	‡080	080	088	111	116	125	125	138	137	145	136	153	142	145	144	7
155	157	151	151	----	*	*	----	†178	186	182	182	163	154	151	150	151	152	----	*	*	----	152	8
152	148	137	150	157	160	156	169	163	163	173	165	155	150	*	159	160	158	153	158	169	177	163	9
*	*	----	187	184	184	184	186	186	192	202	203	194	179	180	173	169	----	*	----	153	147	144	10
----	----	----	*	*	*	----	----	----	----	137	141	156	145	143	142	147	140	141	147	154	165	158	11
166	169	165	172	162	176	175	----	*	*	*	----	†185	177	184	184	187	187	187	186	188	187	193	12
196	199	190	193	188	188	188	192	192	189	192	197	199	193	193	190	186	168	*	*	†177	*	*	13
*	*	----	177	184	182	183	186	184	191	193	198	204	204	207	206	205	208	209	208	207	208	209	14
212	209	209	213	212	216	214	213	226	234	247	245	245	246	243	238	234	227	222	224	220	223	220	15
226	228	220	210	194	192	176	180	170	169	167	167	157	154	*	156	158	160	156	151	151	148	142	16
117	121	117	118	126	120	119	118	119	128	130	138	146	153	156	159	155	153	152	152	147	139	129	17
134	151	150	156	158	172	175	*	†212	212	196	191	195	190	186	188	178	188	188	183	175	*	*	18
186	186	184	178	169	*	*	176	*	189	184	181	176	177	187	196	188	192	189	187	186	181	183	19
177	176	181	186	187	185	178	171	165	166	174	170	172	169	166	162	*	154	151	147	140	144	146	20
133	149	132	135	142	139	146	146	147	*	*	136	146	147	154	163	166	167	169	168	170	*	*	21
201	212	221	222	233	230	237	233	235	239	243	261	253	244	232	202	171	*	*	157	153	158	154	22
149	144	147	154	160	166	167	174	175	----	*	----	199	194	192	188	177	169	174	*	*	154	148	23
151	146	141	142	139	136	134	130	140	153	168	*	*	216	202	202	197	198	201	201	204	210	210	24
213	214	208	201	195	194	188	187	183	178	179	180	181	----	*	----	180	178	*	*	174	174	176	25
179	171	173	167	168	173	170	177	177	*	173	173	172	*	157	166	164	161	159	156	147	144	138	26
135	141	145	143	150	144	145	153	156	157	158	159	167	161	152	143	162	161	*	*	*	186	194	27
218	232	252	264	275	292	299	316	325	332	334	334	337	343	343	345	343	345	336	340	360	358	364	28
343	314	286	271	265	256	257	255	263	270	272	276	286	287	276	263	220	227	213	207	190	188	186	29
198	190	190	196	200	208	213	220	234	224	222	219	212	195	193	180	160	167	160	165	158	155	167	30
170	182	183	191	211	236	255	268	276	294	305	319	329	339	345	342	341	336	334	341	341	341	340	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.